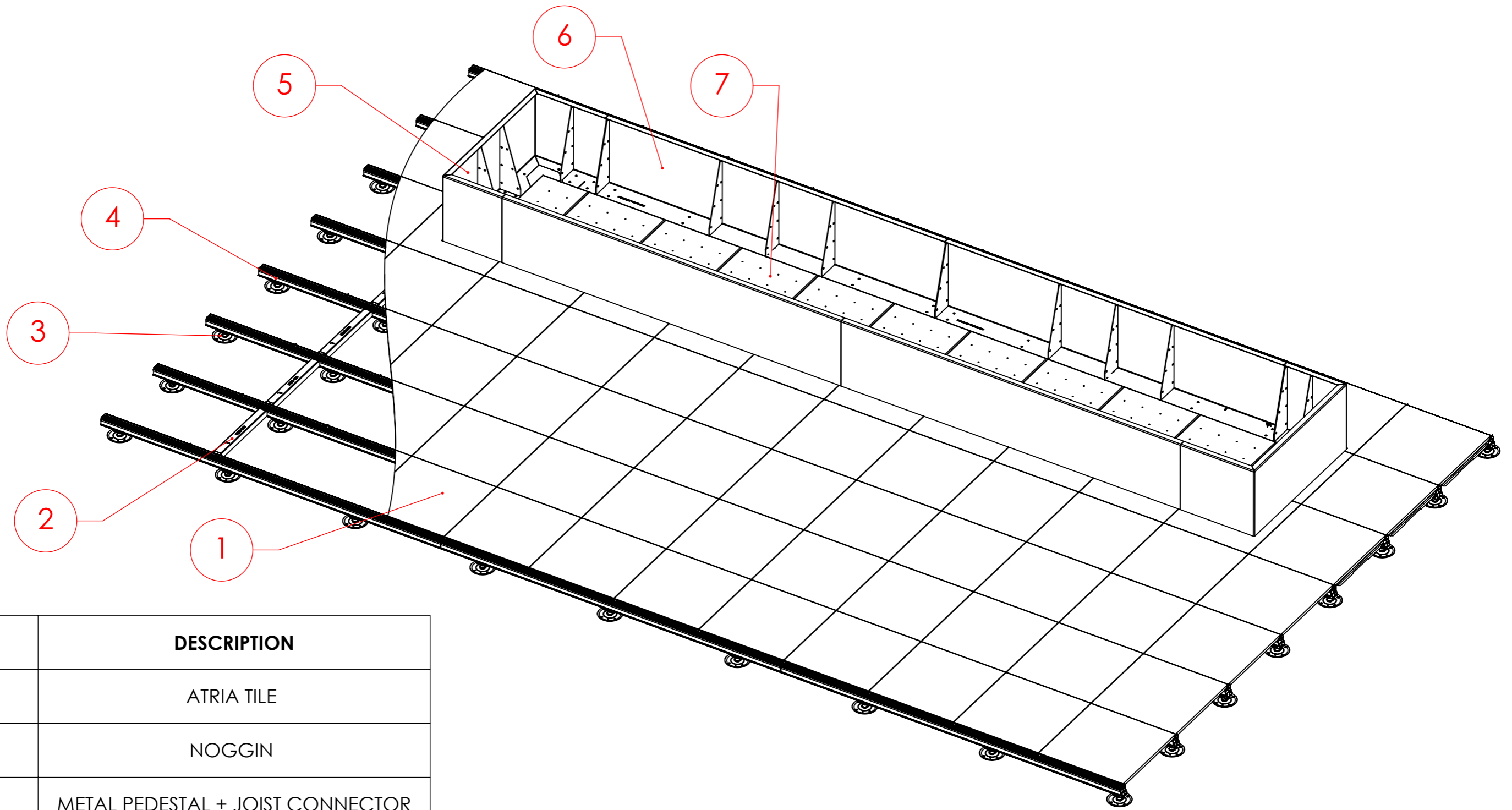



Example of our full fixingless system



ITEM NO.	DESCRIPTION
1	ATRIA TILE
2	NOGGIN
3	METAL PEDESTAL + JOIST CONNECTOR
4	JOIST
5	PLANTERLINE U
6	PLANTERLINE STRAIGHT PANEL
7	597 X 597 FLOOR STRUCTURE PANEL

DATE: 17/07/2023	PAGE NUMBER: 1	SHEET SIZE: A3
DRAWING TITLE: Planterline straight on Raafft System Example		
117-121 St. John Street Clerkenwell London EC1V 4JA Tel: +44 (0)20 3146 7879 Email: technical@raaft.co.uk		

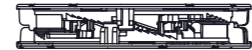
Plastic Pedestal Drawings



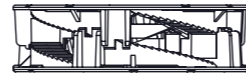
311010
12-18mm



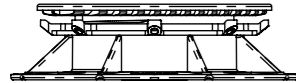
311011
17-23mm



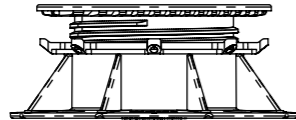
311012
23-29mm



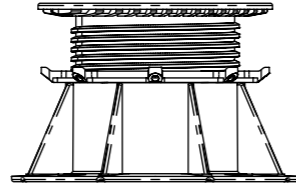
311013
30-44mm



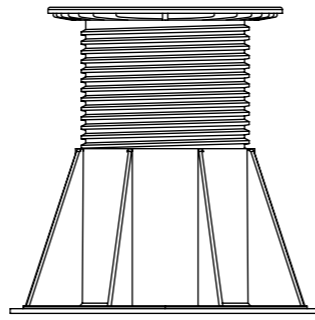
311016
45-50mm



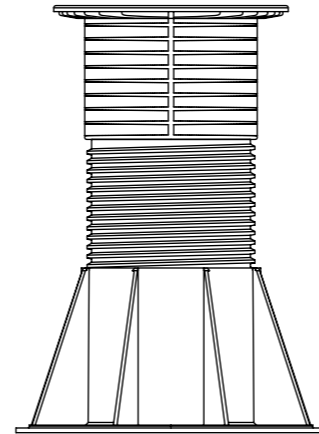
311017
57-75mm



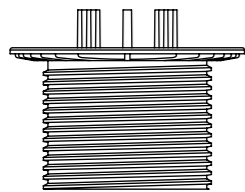
311018
81-117mm



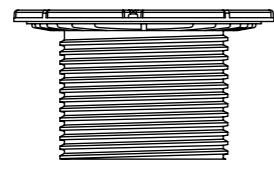
311019
124-210mm



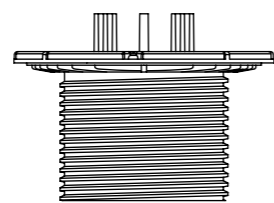
311020
204-281mm



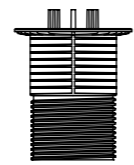
311019
WITH
SPACER
TAB



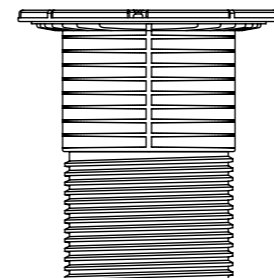
311019
WITH TOP
SLOPE
CORRECTOR



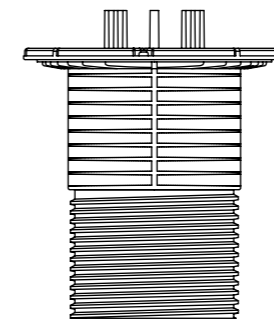
311019
WITH TOP
SLOPE
CORRECTOR
& SPACER
TAB



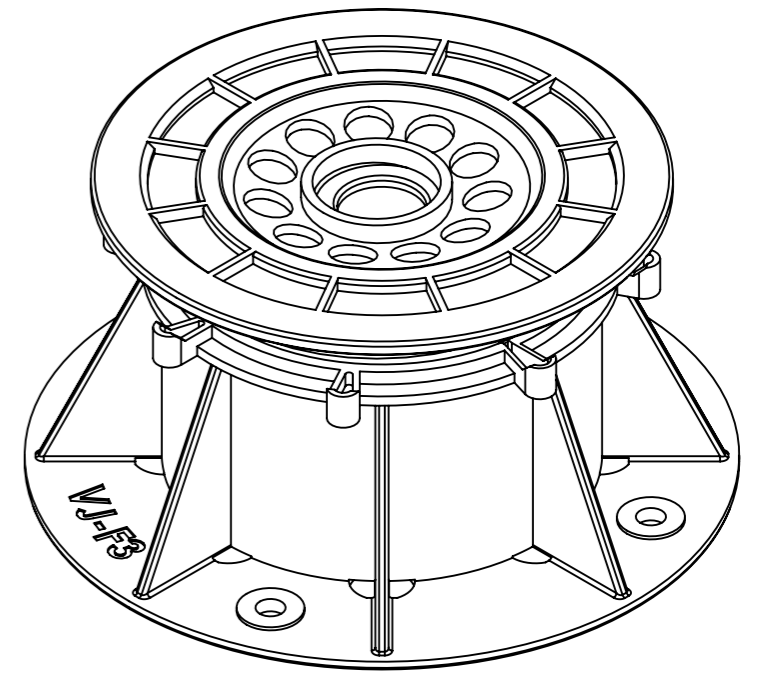
311020
WITH
SPACER
TAB



311020
WITH TOP
SLOPE
CORRECTOR



3011020
WITH TOP
SLOPE
CORRECTOR
& SPACER
TAB



VJ-117FB
WITH BOTTOM
SLOPE CORRECTOR

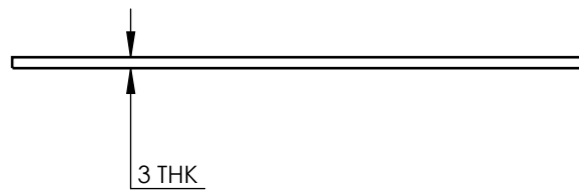
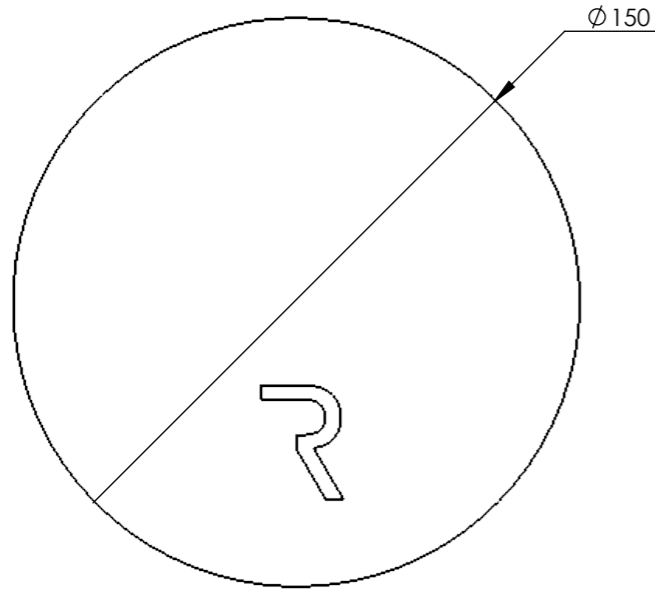
DATE: 17/07/2023	PAGE NUMBER: 1	SHEET SIZE: A3
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DRAWING TITLE:
Plastic Pedestal Drawings (Versijack)

117-121 St. John Street
Clerkenwell
London
EC1V 4JA
Tel: +44 (0)20 3146 7879
Email: technical@raaft.co.uk

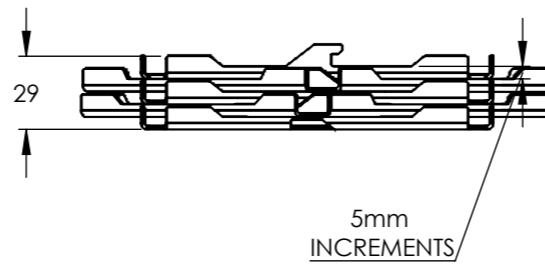
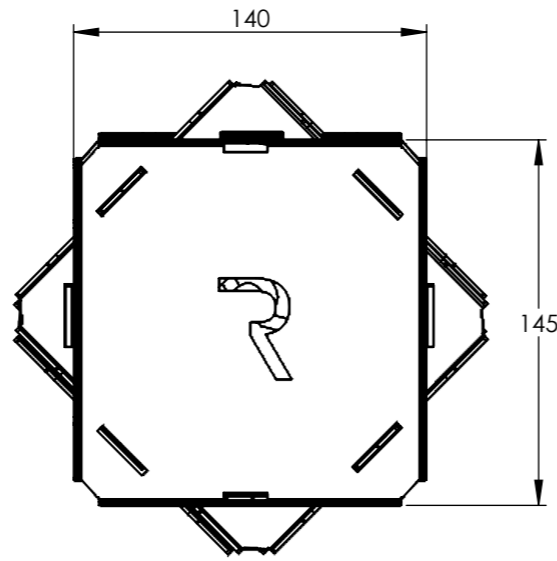


Low Level Pedestals and EPDM pads



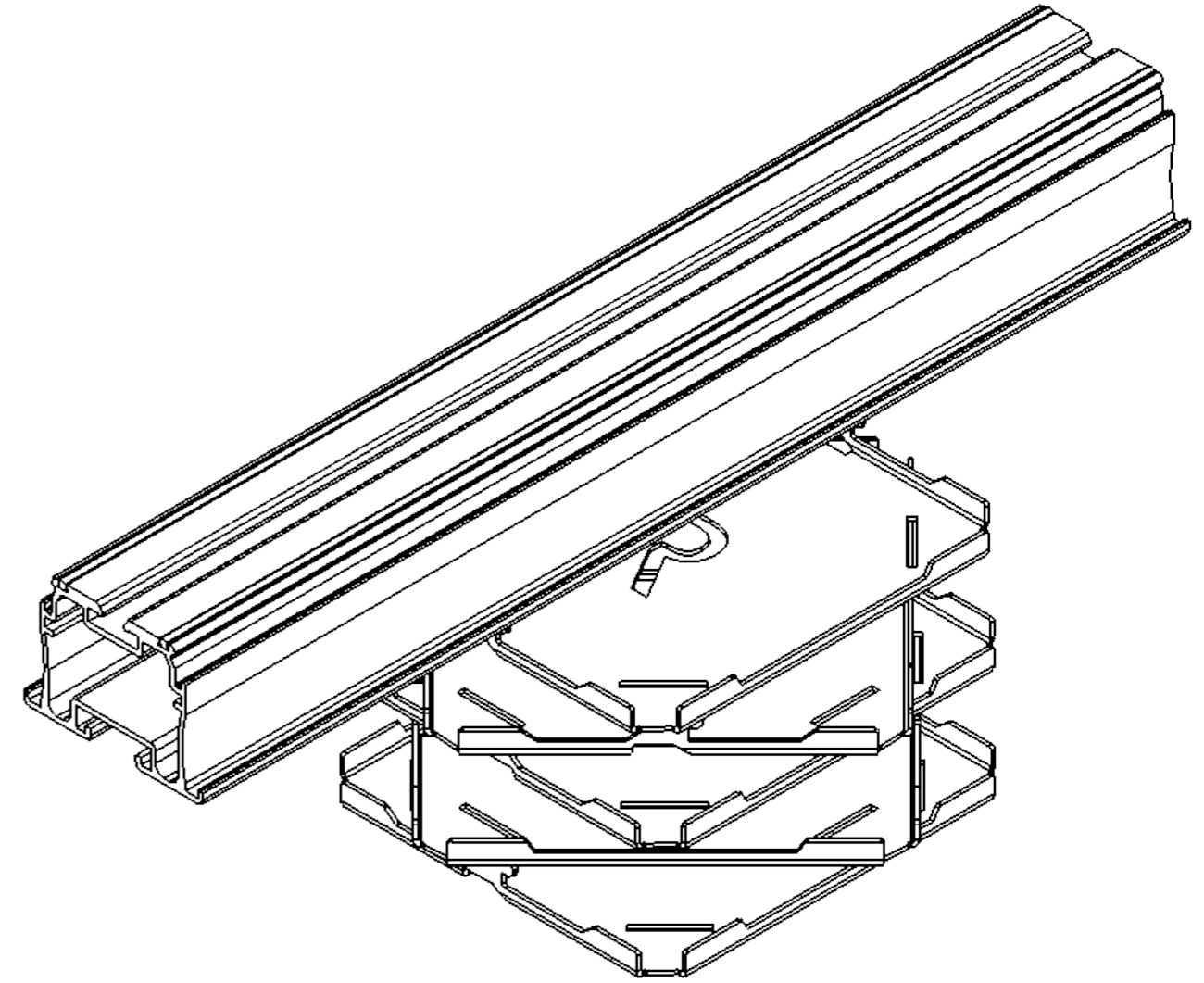
CIRCULAR NEOPRENE PAD


TO REDUCE THE CHANCES OF PUNCTURING THE SURFACE BELOW A PEDESTAL



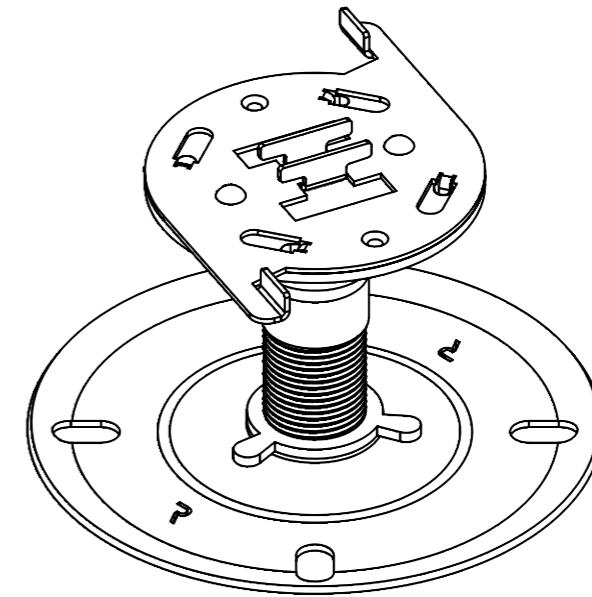
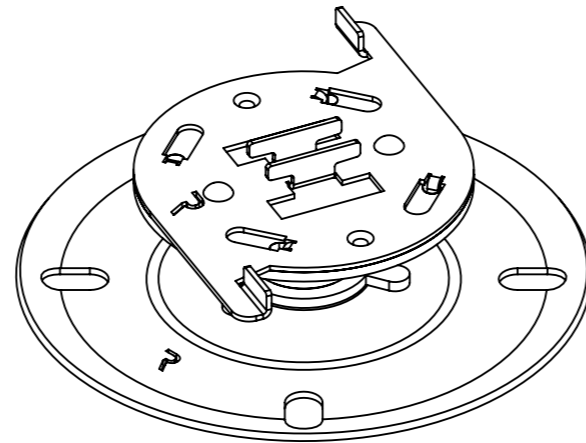
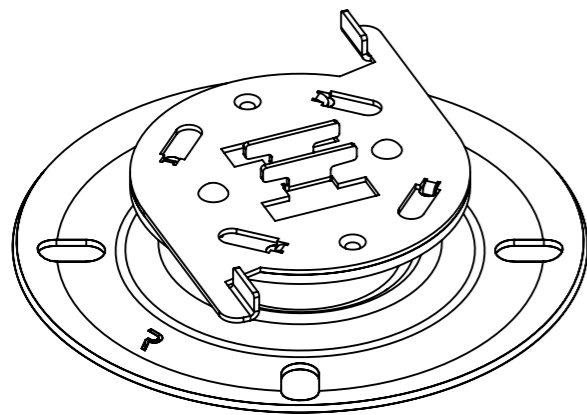
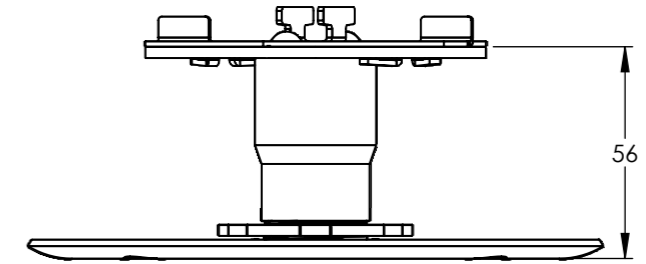
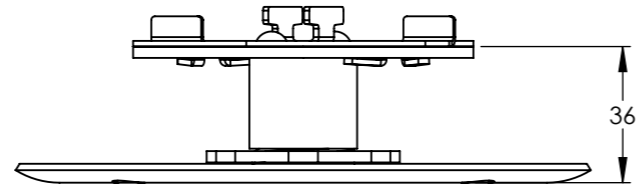
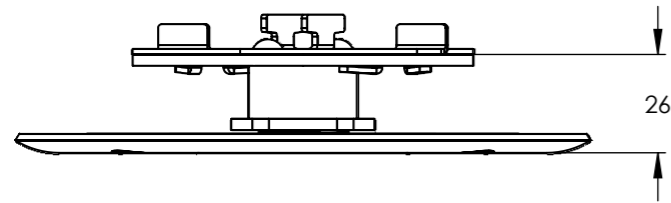
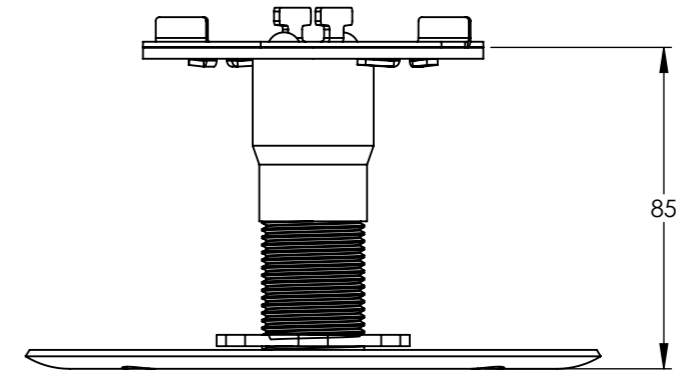
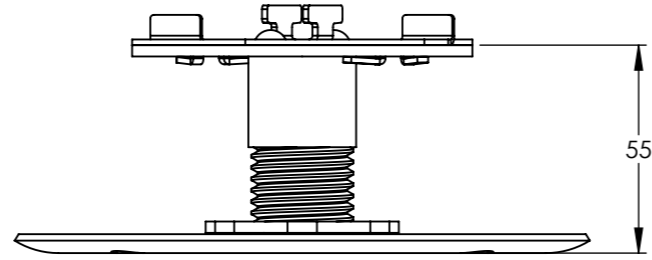
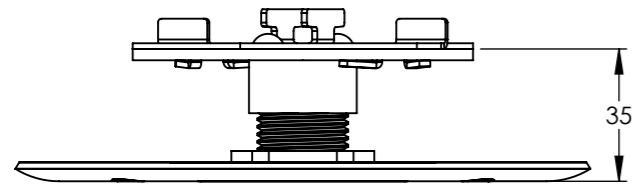
LOW LEVEL PEDESTAL

STACKABLE
IN 5mm INCREMENTS



DATE: 14/07/2023	PAGE NUMBER: 3	SHEET SIZE: A3
DRAWING TITLE: Low Level Pedestals and EPDM pads		
117-121 St. John Street Clerkenwell London EC1V 4JA Tel: +44 (0)20 3146 7879 Email: technical@raaft.co.uk		
		

Fire Rated Metal Pedestals - Section 1




Preventa Steel
Fire - Resistant
Adjustable Pedestal
26 - 35mm
External Zintek Finish
Part Code:

Preventa Steel
Fire - Resistant
Adjustable Pedestal
36 - 55mm
External Zintek Finish
Part Code:

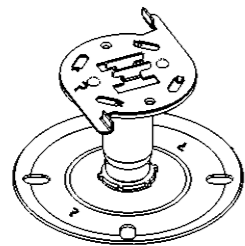
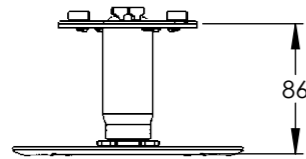
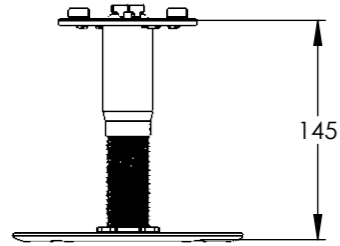
Preventa Steel
Fire - Resistant
Adjustable Pedestal
26 - 35mm
External Zintek Finish
Part Code:

DATE: 14/07/23	PAGE NUMBER: 4	SHEET SIZE: A3
Drawing title: Metal Pedestals - Section I		
117-121 St. John Street Clerkenwell London EC1V 4JA Tel: +44 (0)20 3146 7879 Email: technical@raaft.co		

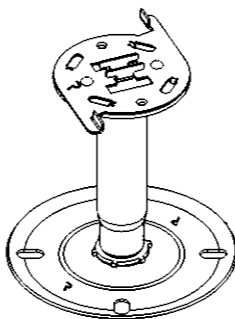
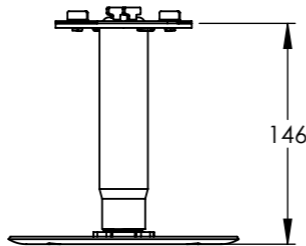


A Kinley Group company Kinley

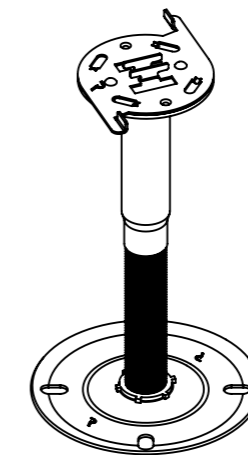
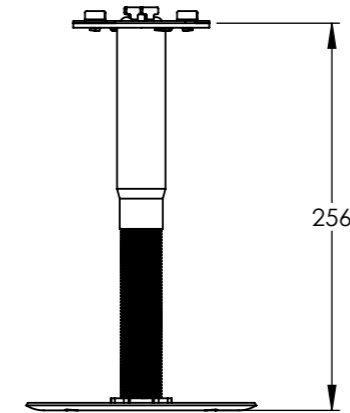
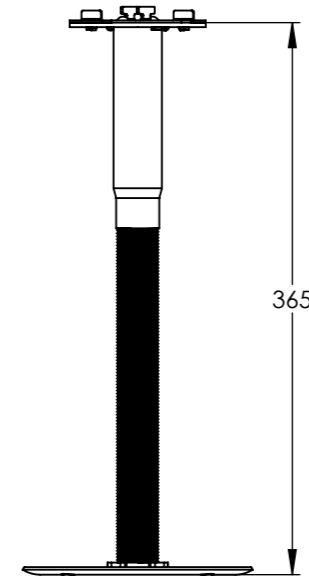
Fire Rated Metal Pedestals - Section 2



Preventa Steel
Fire - Resistant
Adjustable Pedestal
86 - 145mm
External Zintek Finish
Part Code:



Preventa Steel
Fire - Resistant
Adjustable Pedestal
146 - 255mm
External Zintek Finish
Part Code:



Preventa Steel
Fire - Resistant
Adjustable Pedestal
256 - 365mm
External Zintek Finish
Part Code:

DATE: 14/07/23	PAGE NUMBER: 5	SHEET SIZE: A3
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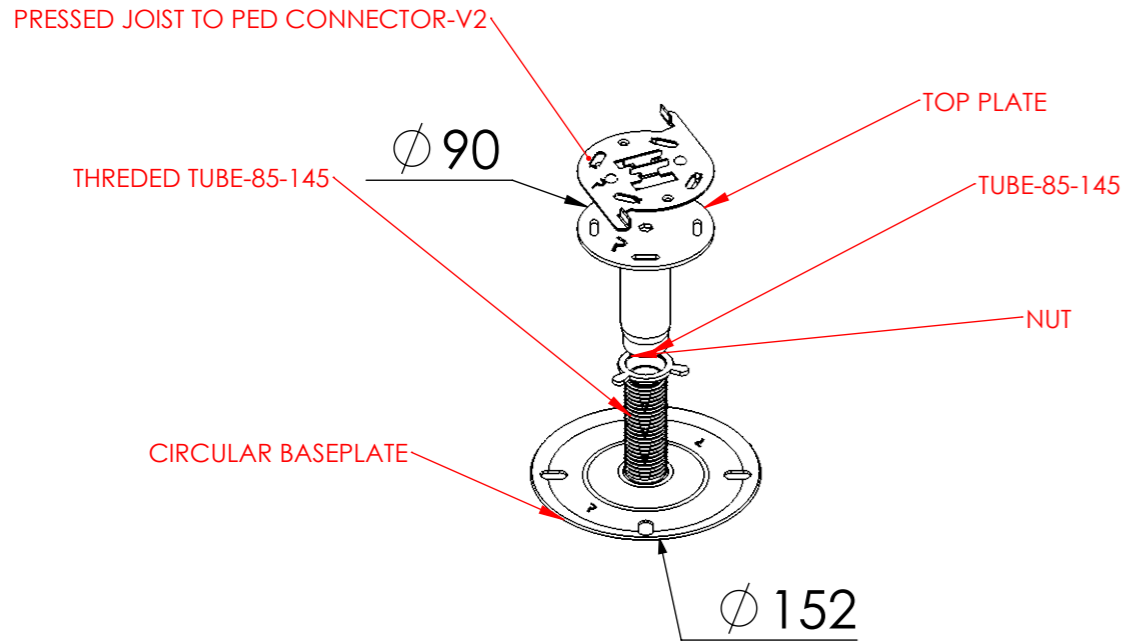
Drawing Title:
Metal pedestals - Section II

117-121 St. John Street
Clerkenwell
London
EC1V 4JA
Tel: +44 (0)20 3146 7879
Email: technical@raaft.co

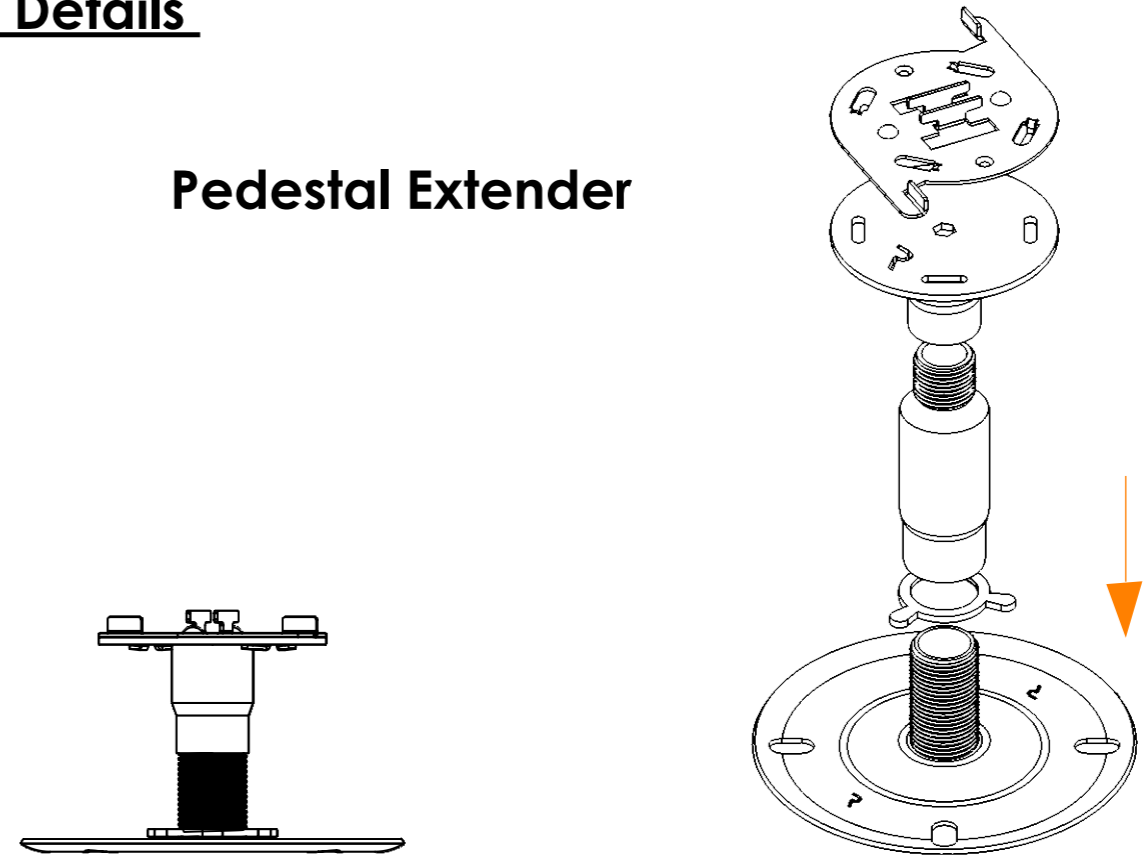


Metal Pedestal Details

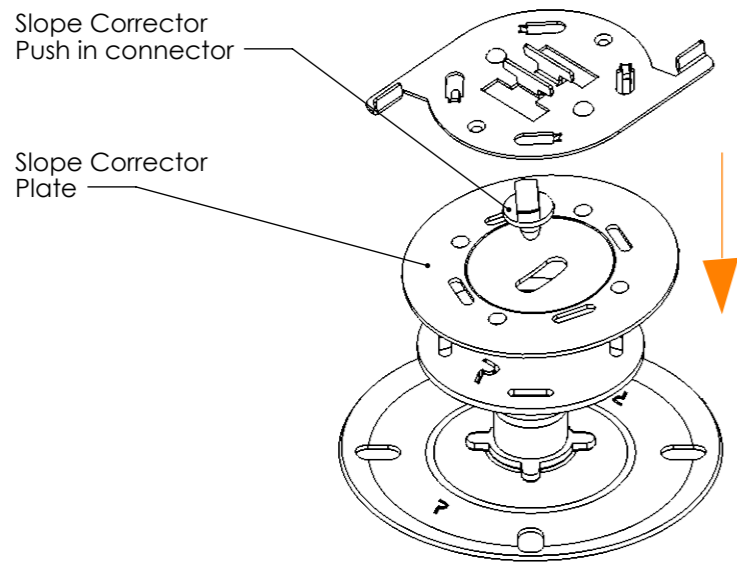
Pedestal Assembly example



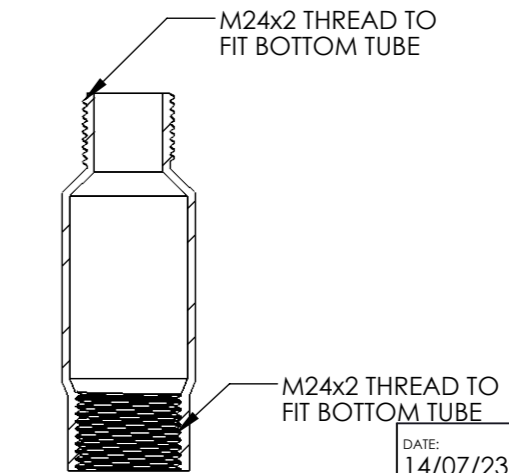
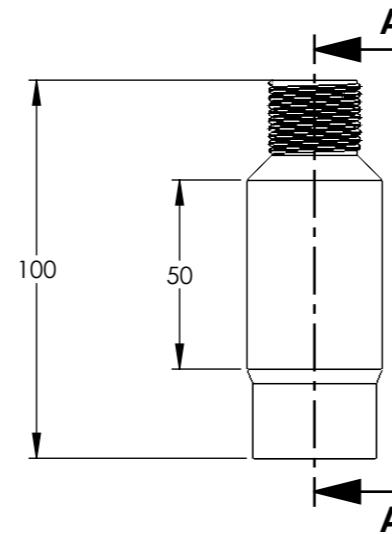
Pedestal Extender




Slope Corrector



The Slope Corrector is used to level or create slopes up to 5 degrees

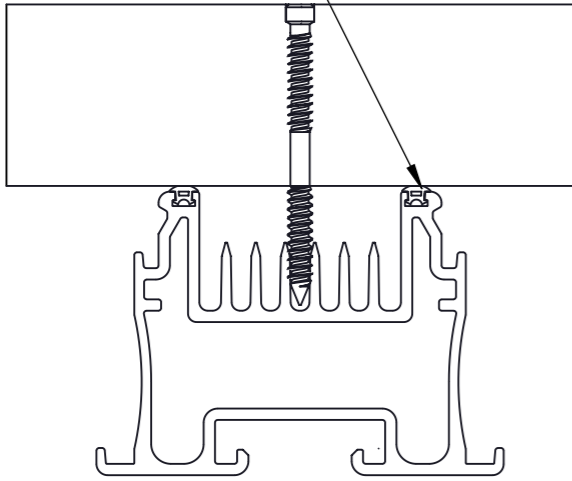


SECTION A-A
SCALE 1 : 2

DATE: 14/07/23	PAGE NUMBER: 6	SHEET SIZE A3
Drawing Title: Metal Pedestal Details		
117-121 St. John Street Clerkenwell London EC1V 4JA Tel: +44 (0)20 3146 7879 Email: technical@raaft.co		 <p>RAAFT A Kinley Group company Kinley</p>

Aluminium Joists

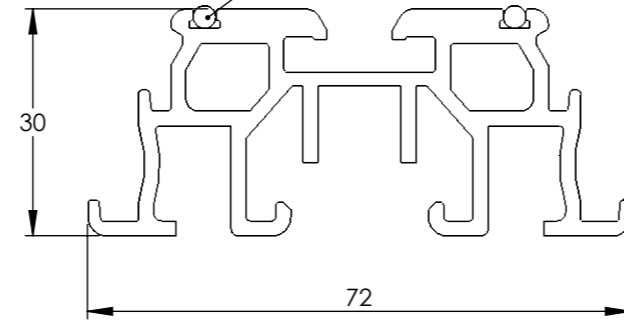
3mm NEOPRENE ANTI-SLIP ACOUSTIC RUBBER



50MM ALUMINIUM RAAFT JOIST FOR WOOD SCREWS

SINGLE APPLICATION

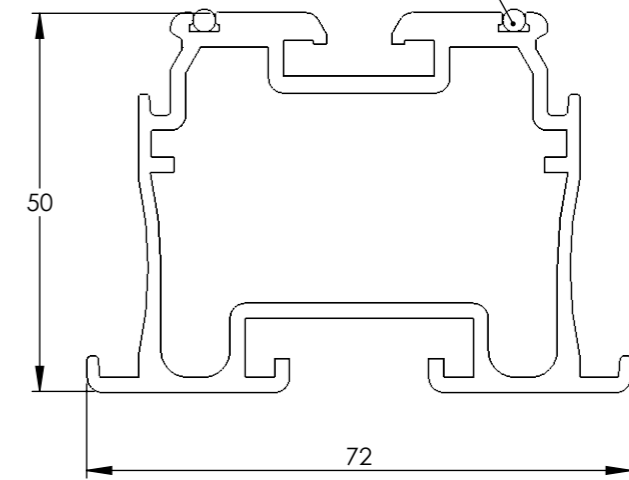
3mm NEOPRENE ANTI-SLIP ACOUSTIC RUBBER



END PROFILE FOR 30mm ALUMINIUM RAAFT JOIST

MULTIPLE APPLICATIONS

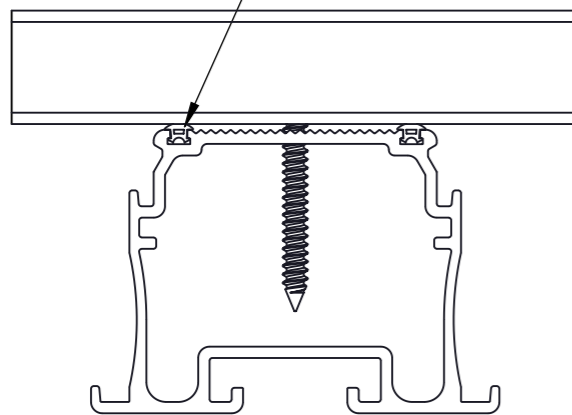
3mm NEOPRENE ANTI-SLIP ACOUSTIC RUBBER



END PROFILE FOR 50mm ALUMINIUM RAAFT JOIST

MULTIPLE APPLICATIONS

3mm NEOPRENE ANTI-SLIP ACOUSTIC RUBBER



50mm ALUMINIUM RAAFT JOIST FOR TIMBER DECKING

SINGLE APPLICATION

<u>JOIST SPECIFICATIONS</u>	<u>DATA FOR 30MM</u>	<u>DATA FOR 50MM</u>
DIMENSIONS (mm)	30 x 72 x 2400	50 x 72 x 2400
MAX PEDESTAL SPAN (mm)	500	900
WEIGHT (kg)	3.87	4.26
MAX CANTILEVER (mm)	100	200
MAXIMUM LOADING WEIGHT (kg)	250	250

DATE: 17/07/2023 PAGE NUMBER: 7 SHEET SIZE: A3

DRAWING TITLE: 30 & 50mm Aluminium Raaft Joist

117-121 St. John Street
Clerkenwell
London
EC1V 4JA
Tel: +44 (0)20 3146 7879
Email: technical@raaft.co.uk



Joist Spacers

CENTRES	DESCRIPTION	SKU CODE 30mm	SKU CODE 50mm
100	FOR TERRAFINA	304043	304023
300	FOR 450 x 900mm TILES - 1/3 OFF-SET	304042	304022
300	FOR 600 x 900mm TILES - 1/3 OFF-SET	304041	304021
300	FOR 900 x 900mm TILES - 1/3 OFF-SET	304040	304020
400	FOR 300 x 1,200mm TILES - 1/2 OFF-SET	304039	304019
400	FOR 600 x 1,200mm TILES - 1/2 OFF-SET	304038	304018
400	FOR 1,200 x 1,200 tiles - 1/2 OFF-SET	304037	304017
450	FOR 450 x 900mm TILES	304036	304016
450	FOR 600 x 900mm TILES	304035	304015
450	FOR 900 x 900mm TILES	304034	304014
500	FOR TERRAFINA	304033	304013
600	FOR 300 & 600 X 1,200mm TILES	304032	304012
600	FOR 1,200 x 1,200mm TILES	304031	304011
600	FOR 600 x 600mm TILES	304030	304010

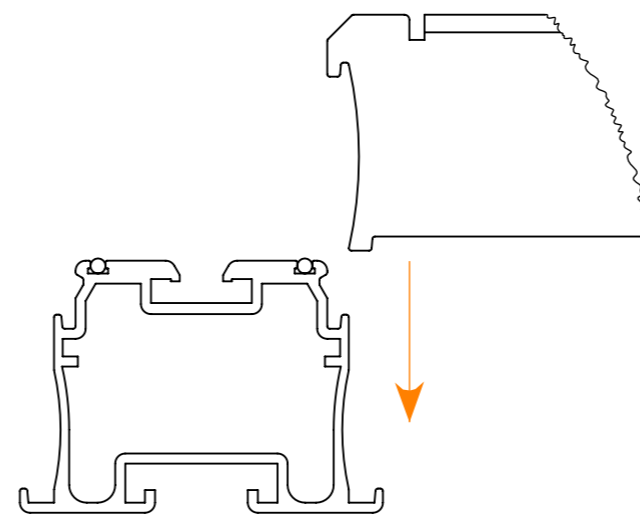
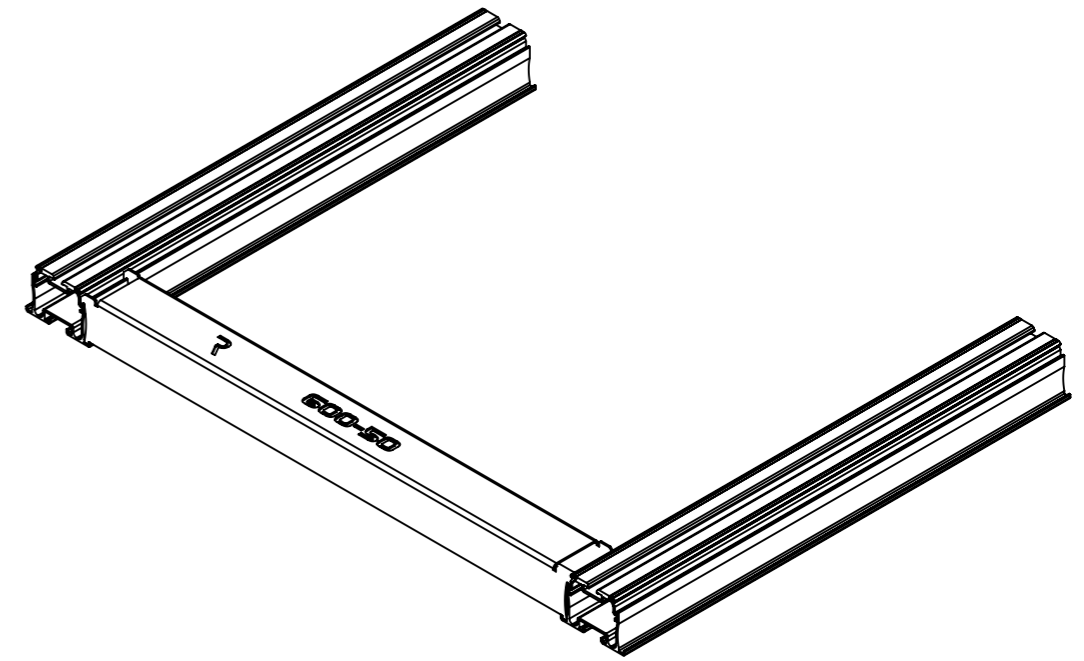


Illustration showing how ALL joist spacers and joists connect

SCALE 1 : 1.5

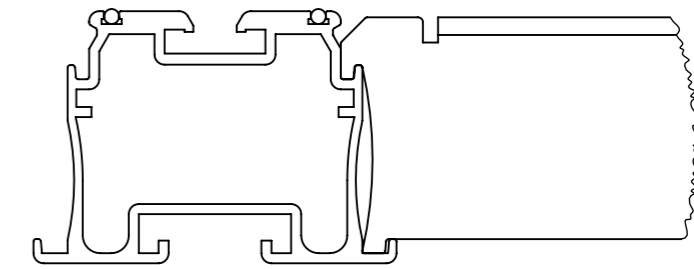
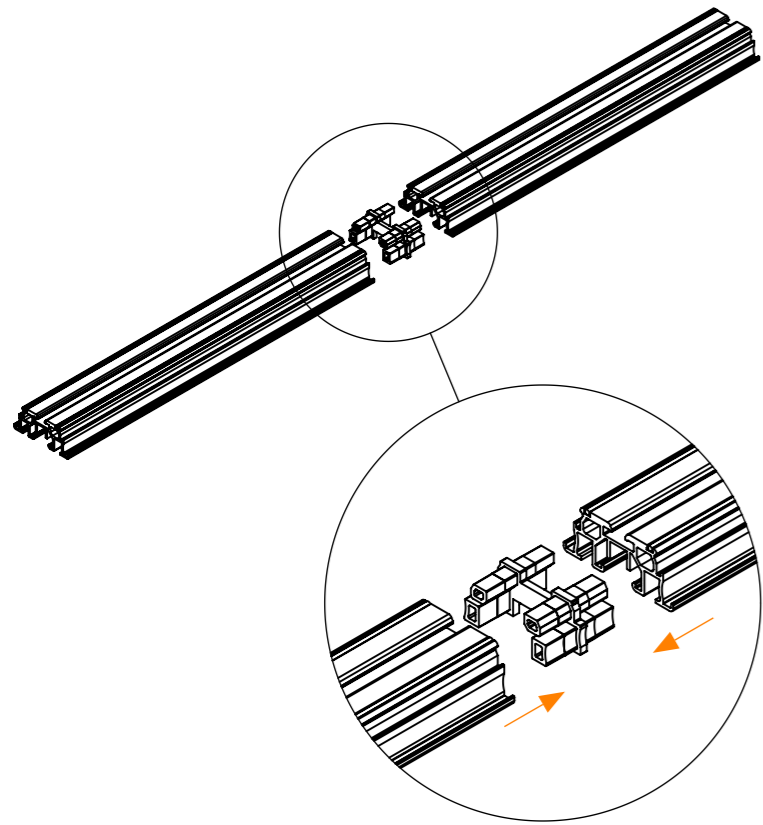


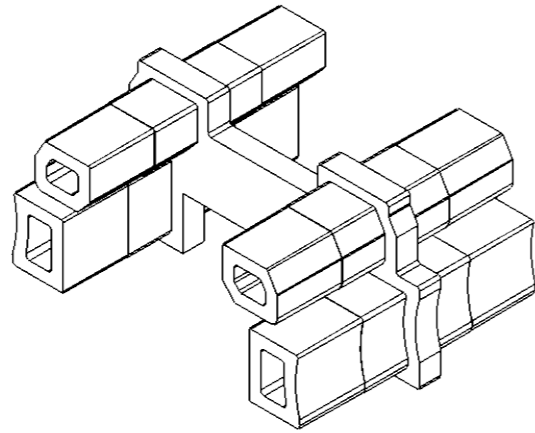
Illustration showing a connected joist spacer and joist

SCALE 1 : 1.5

Joist Connectors - Straight

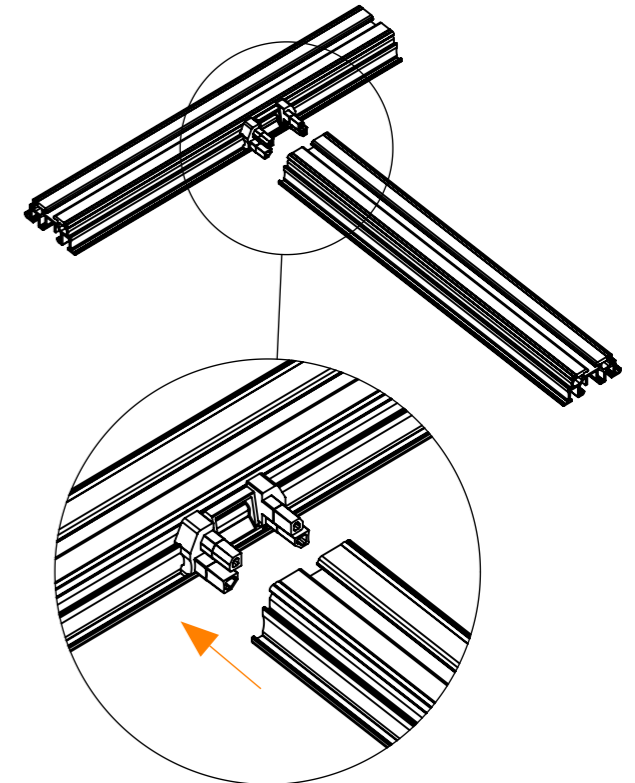
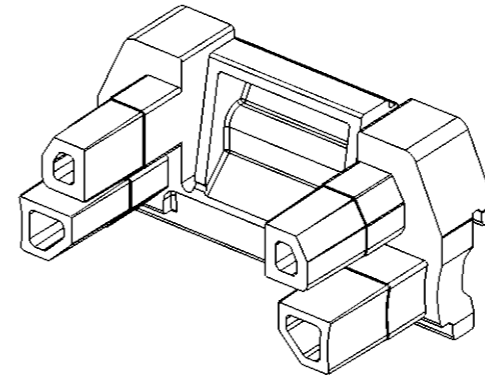


30mm STRAIGHT JOIST
CONNECTION CLIP

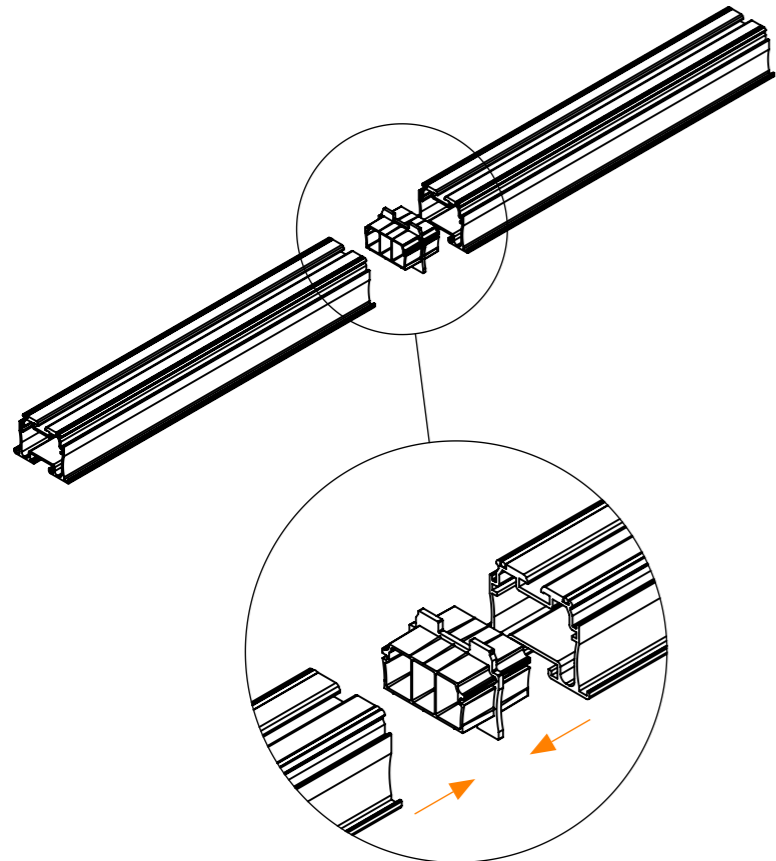


DETAIL A
SCALE 2 : 7

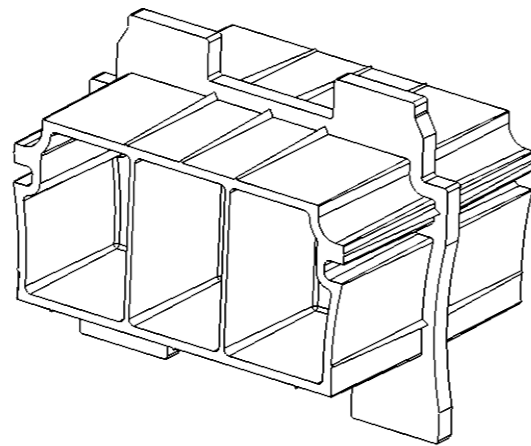
30mm 90° JOIST
CONNECTION CLIP



DETAIL D
SCALE 2 : 7

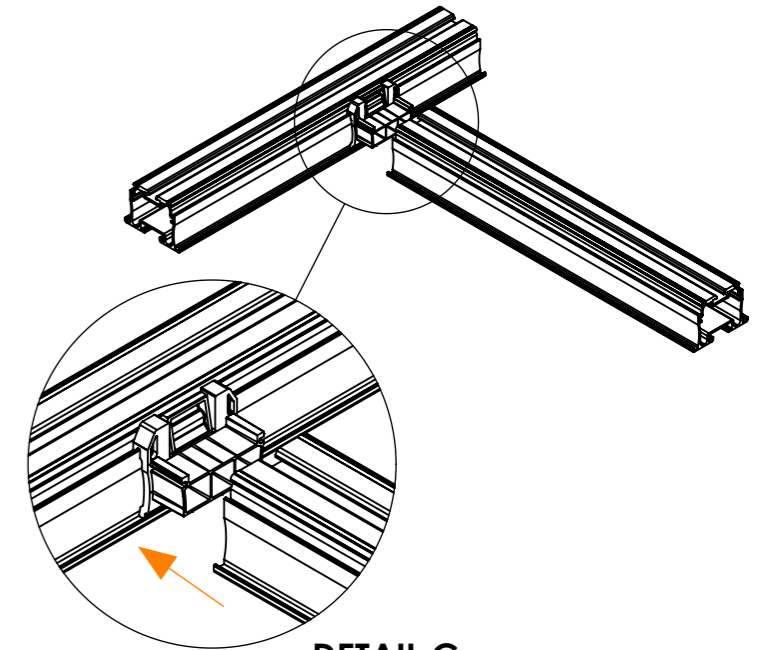
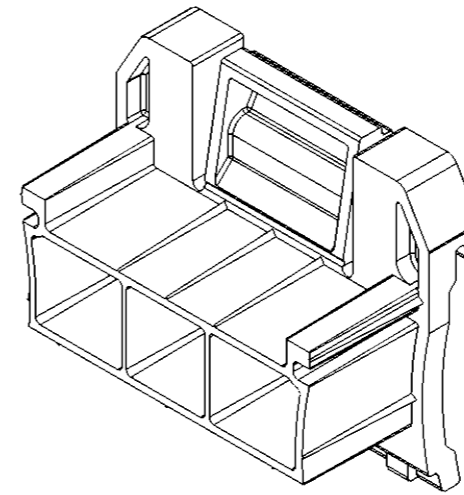


50mm STRAIGHT JOIST
CONNECTION CLIP



DETAIL B
SCALE 2 : 7

50mm 90° JOIST
CONNECTION CLIP



DETAIL C
SCALE 2 : 7

DATE: 14/07/23	PAGE NUMBER: 9	SHEET SIZE: A3
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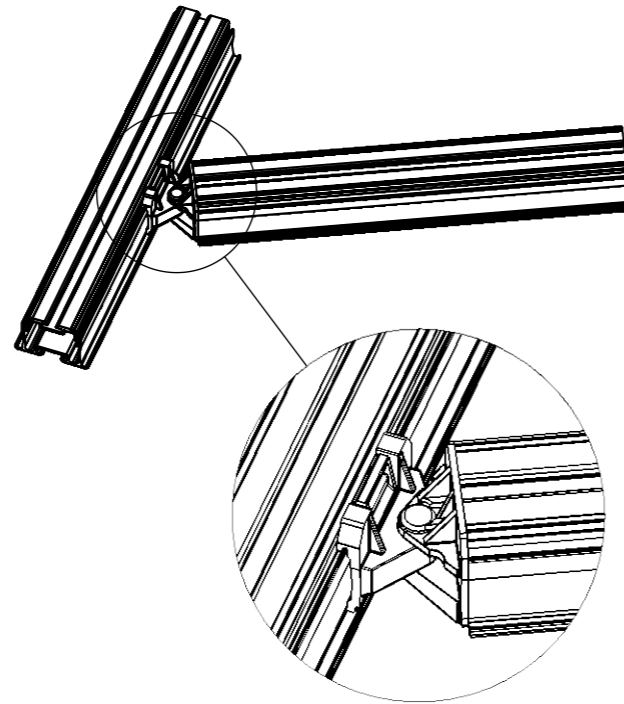
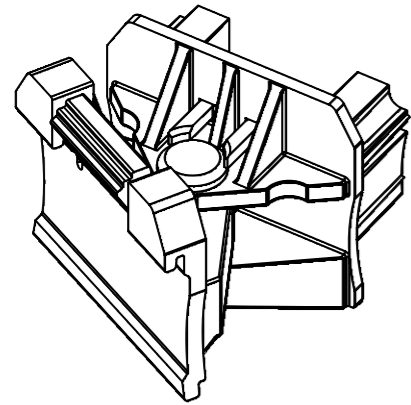
Drawing Title:
Joist Connectors - Straight

117-121 St. John Street
Clerkenwell
London
EC1V 4JA
Tel: +44 (0)20 3146 7879
Email: technical@raaft.co



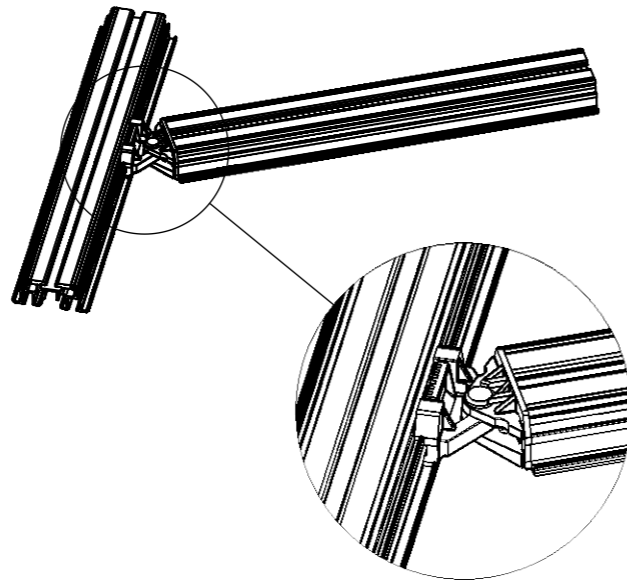
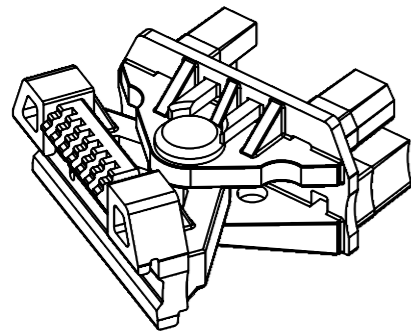
Angular Connection Clips

50mm ANGLULAR JOIST CONNECTION CLIP



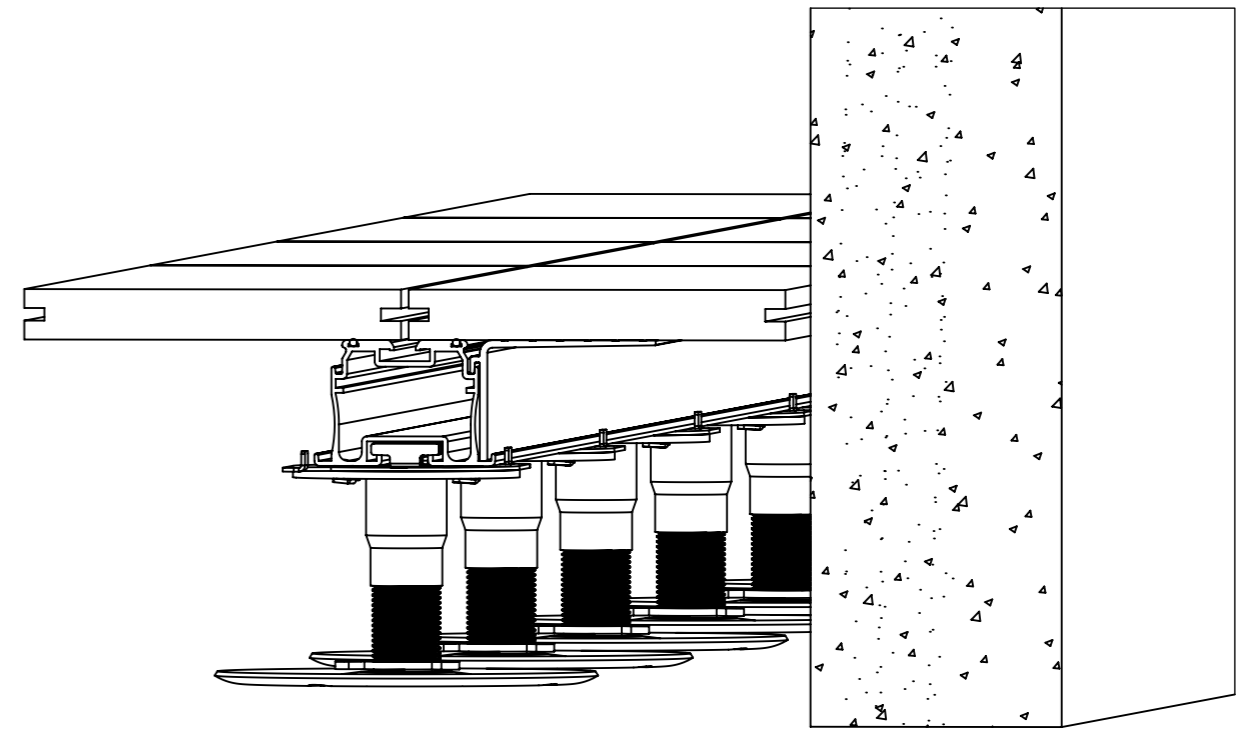
**DETAIL A
SCALE 1 : 3**

30mm ANGLULAR JOIST CONNECTION CLIP

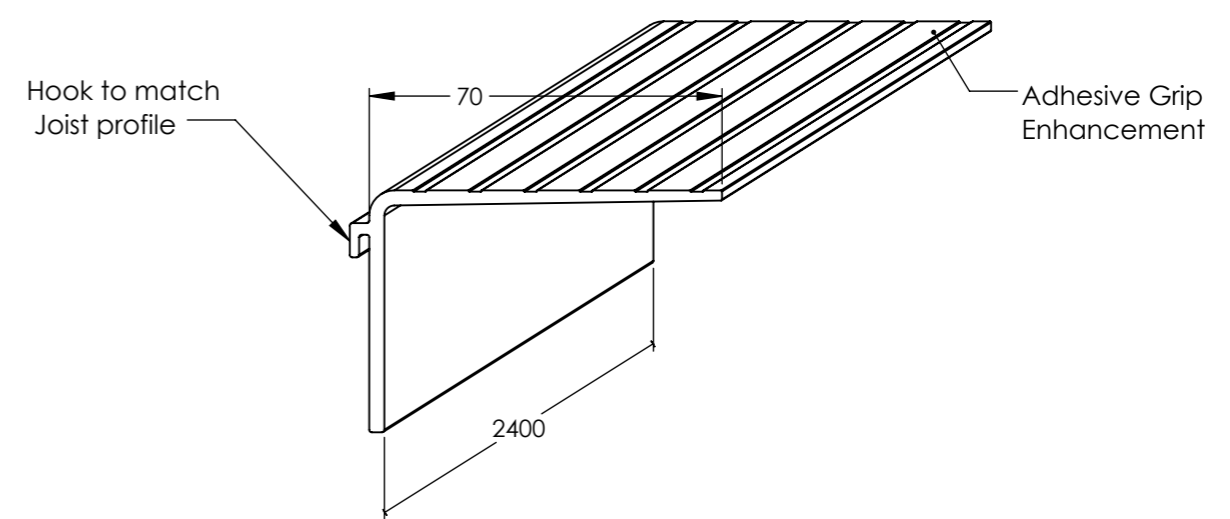


**DETAIL B
SCALE 2 : 7**

RaafT Joist Support Wing



Example of a Joist Support Wing Assembly

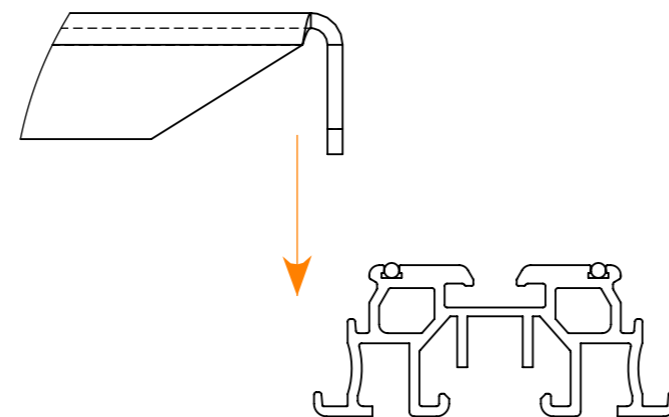
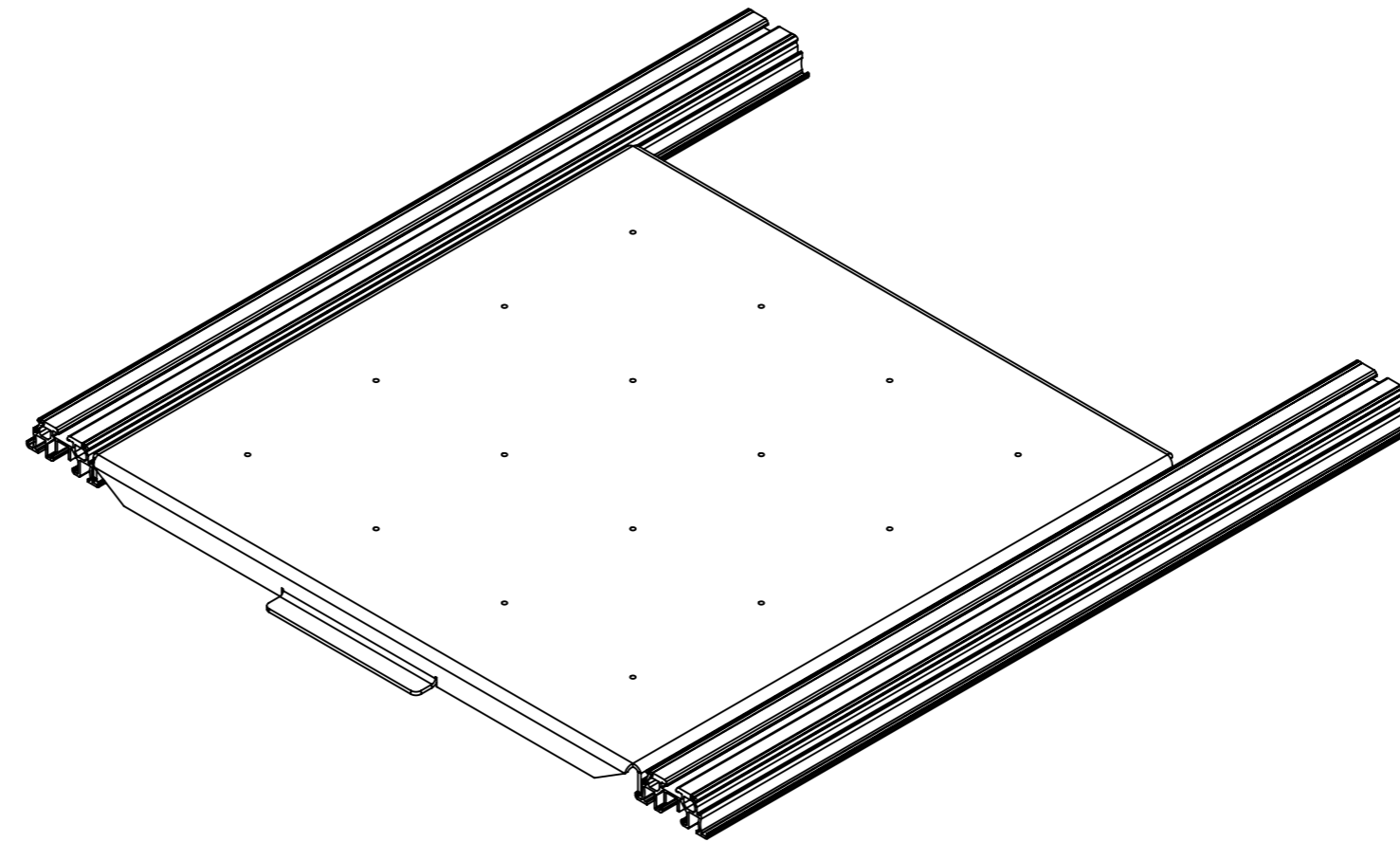


The above detail shows the 50mm RaafT Support Wing - but it is also available in 30mm

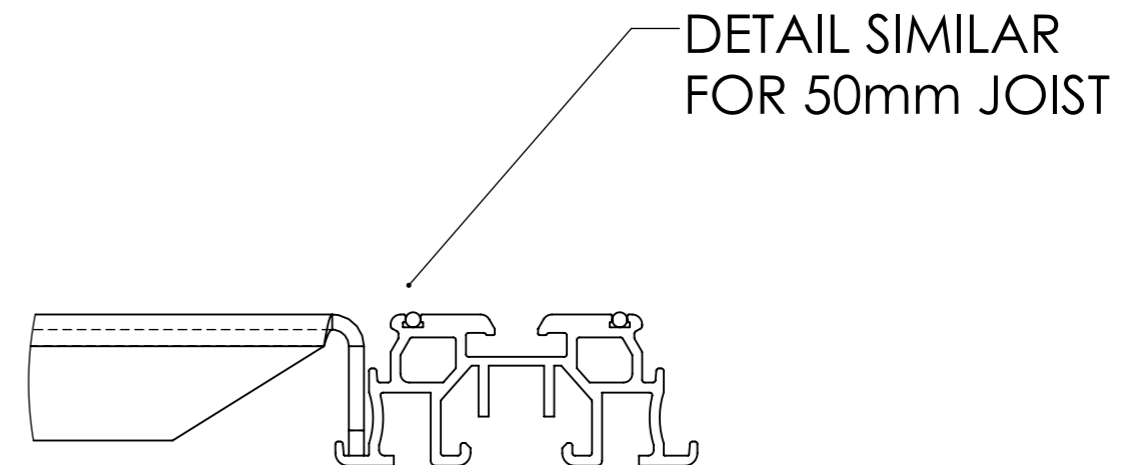
DATE: 14/07/23	PAGE NUMBER: 10	SHEET SIZE: A3
Drawing Title: Joist Angle Connectors and Support Wings		
117-121 St. John Street Clerkenwell London EC1V 4JA Tel: +44 (0)20 3146 7879 Email: technical@raaft.co		
		 A Kinley Group company Kinley

Floor Structure Panels

<u>DIMENSIONS</u>	<u>FLOOR STRUCTURE PANEL SKU CODE</u>
540 x 540 x 48	320001
540 x 540 x 28	320003
540 x 440 x 48	320005
540 x 440 x 28	320006
540 x 390 x 48	320007
540 x 390 x 28	320008
540 x 240 x 48	320009
540 x 240 x 28	320010



Detail showing how the floor panel locates to the joist

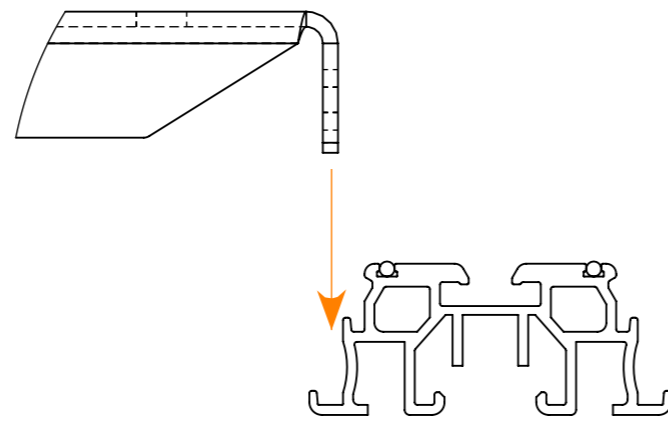
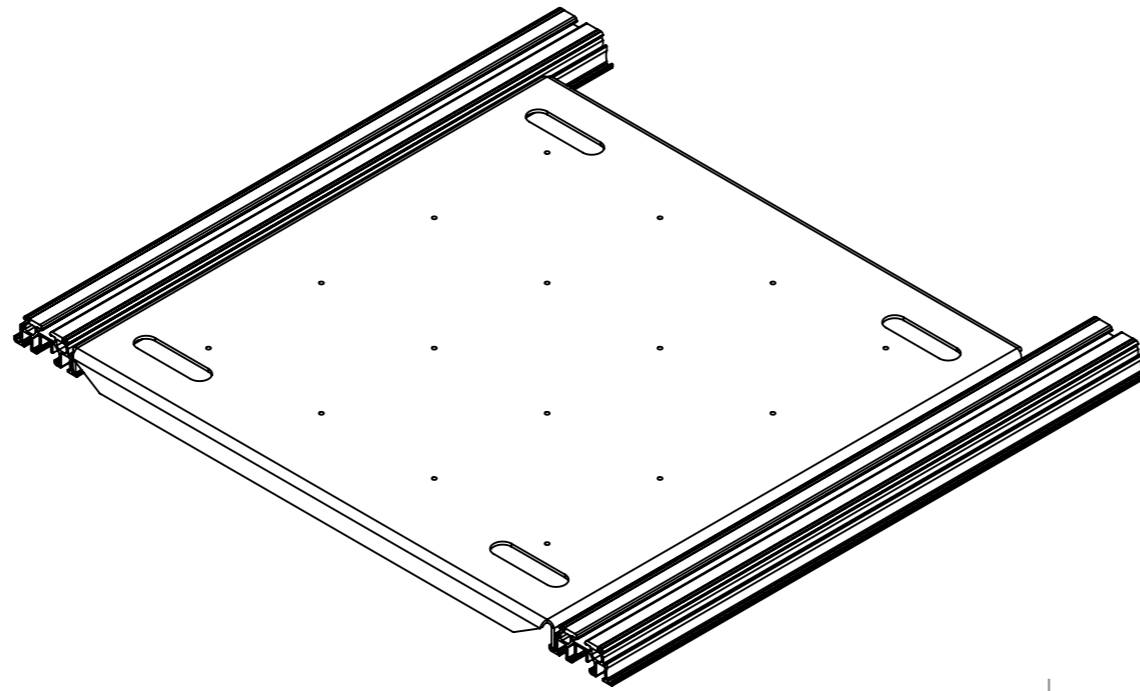


Detail showing the location of the connected floor panel and joist

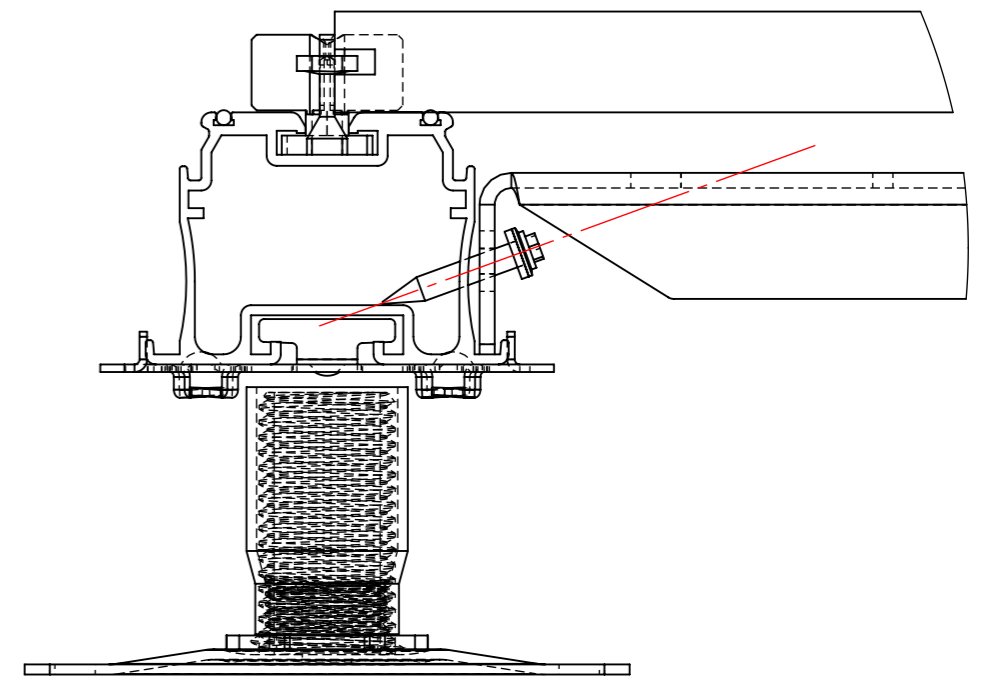
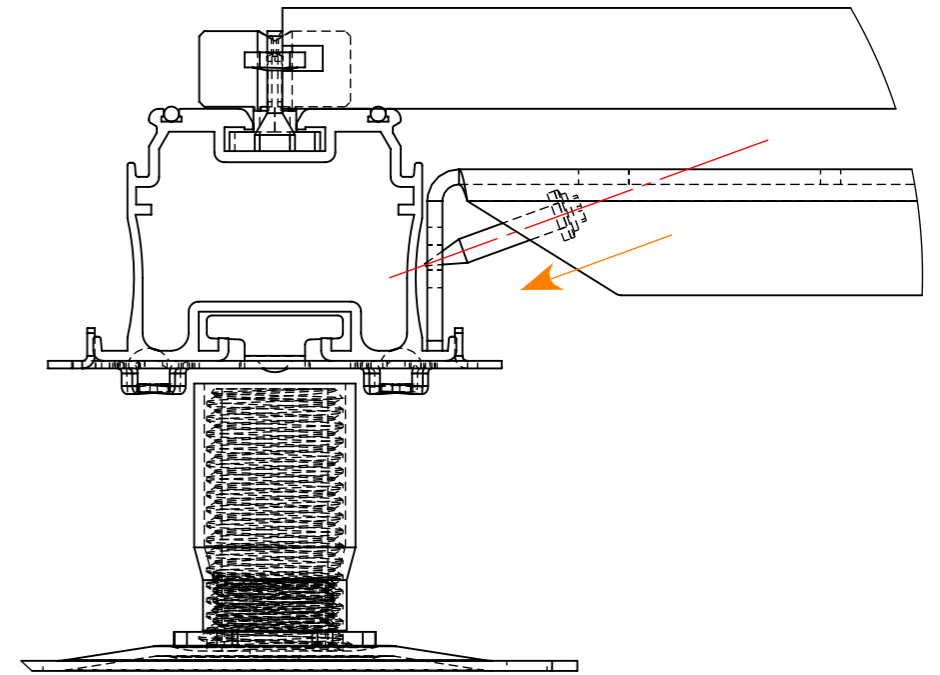
NB: All floor structure panels are 3mm thick pre-galvanised sheet and 100% recyclable

Furniture structure Panels

<i>DIMENSIONS</i>	<i>FLOOR STRUCTURE PANEL SKU CODE</i>
540 x 540 x 48	321001
540 x 540 x 28	321002
540 x 440 x 48	321003
540 x 440 x 28	321004
540 x 390 x 48	321005
540 x 390 x 28	321006
540 x 240 x 48	321007
540 x 240 x 28	321008



Detail showing how the floor panel locates to the 30mm joist

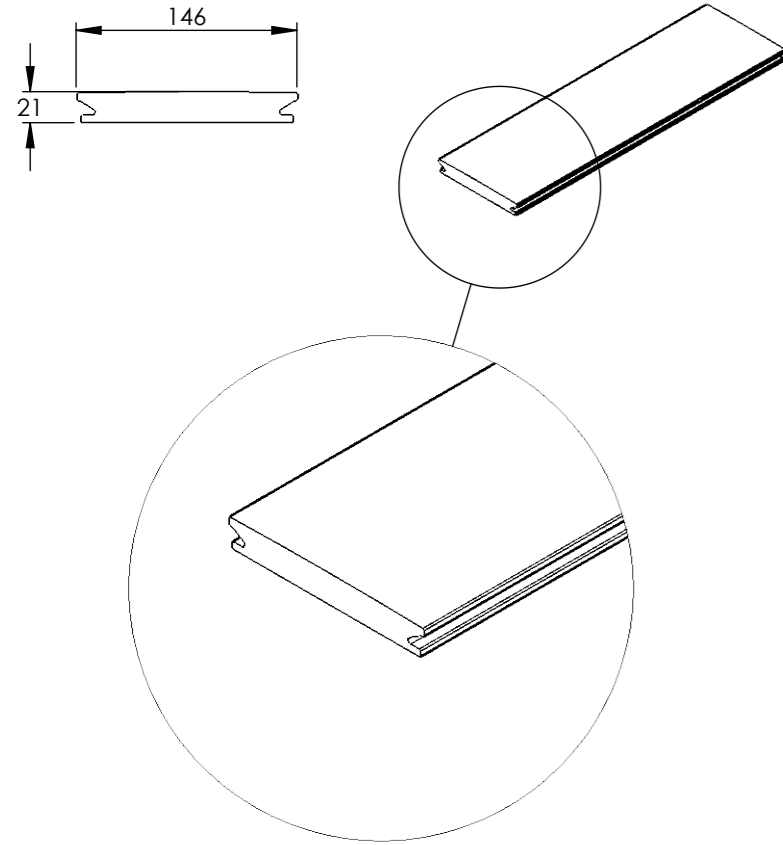


Detail to show the location of the screw through the furniture structure panel, and into the 50mm joist

NB: All floor structure panels are 3mm thick pre-galvanised sheet and 100% recyclable

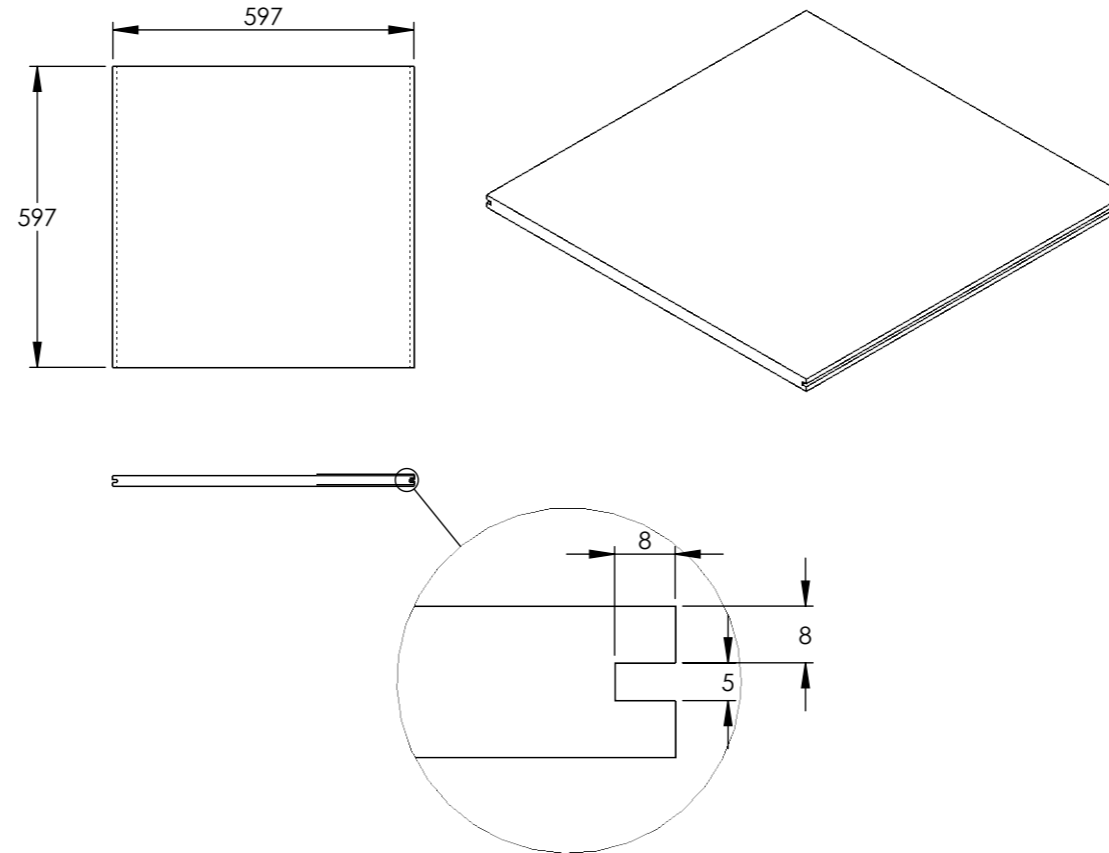
Flooring Sizes

Terrafina Decking



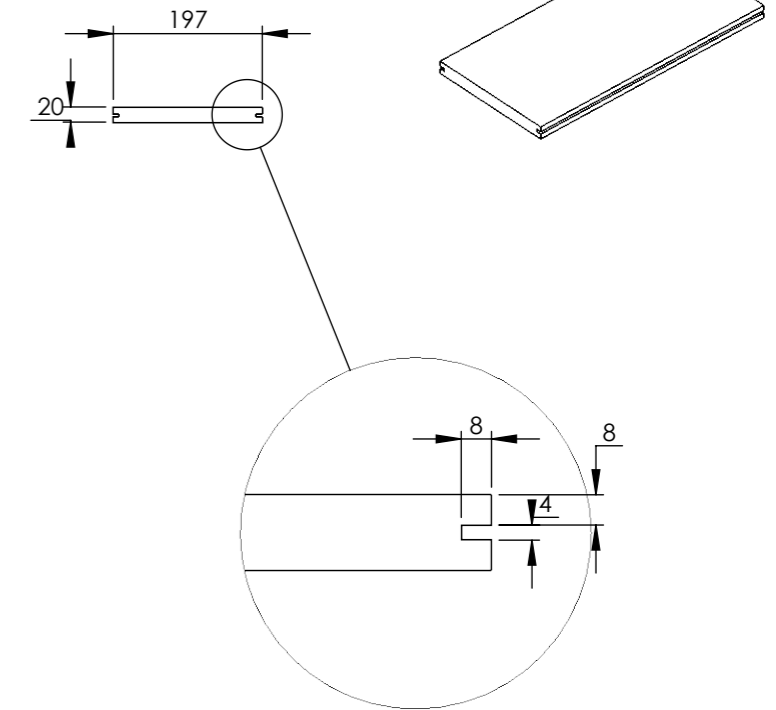
LENGTH	WIDTH	THICKNESS
4000	146	21
4500	146	21
5000	146	21
5500	146	21
6000	146	21

Atria Tile



LENGTH	WIDTH	THICKNESS
300 (297)	600 (596)	20
300 (297)	1200 (1194)	20
450 (446)	900 (895)	20
600 (596)	600 (596)	20
600 (596)	900 (895)	20
600 (596)	1200 (1194)	20
800 (796)	800 (796)	20
900 (895)	900 (895)	20
1200 (1194)	1200 (1194)	20
1200 (1194)	2400 (2390)	20

Farrino Decking



LENGTH	WIDTH	THICKNESS
1200	200 (197)	20

DATE: 17/07/2023 PAGE NUMBER: 13 SHEET SIZE: A3

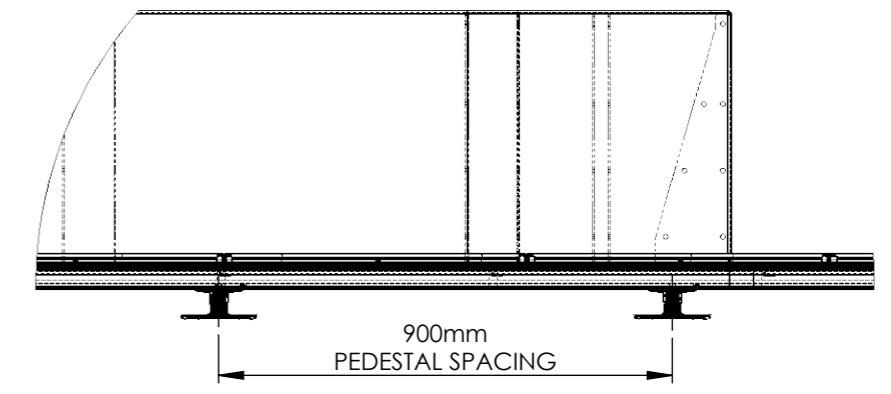
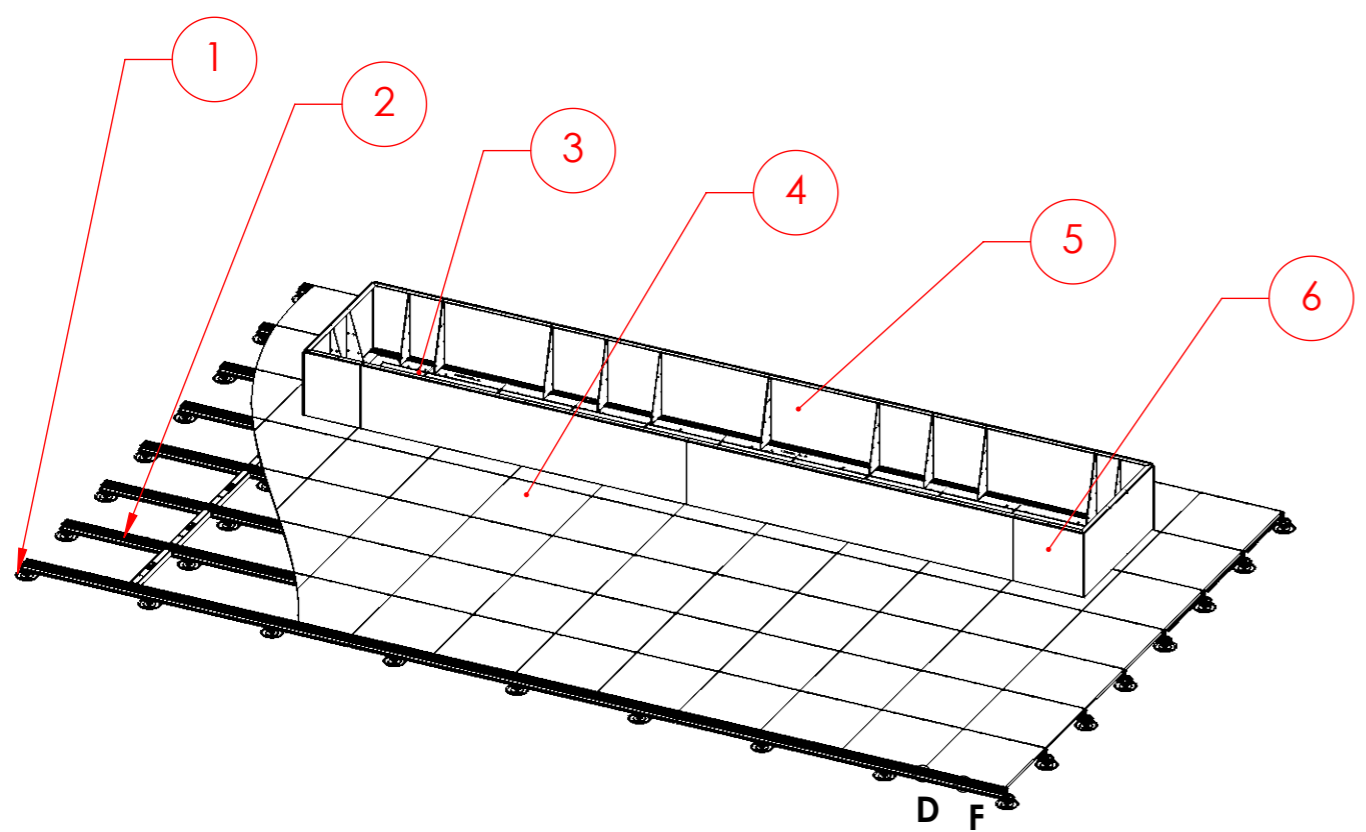
DRAWING TITLE:
Flooring Sizes

117-121 St. John Street
Clerkenwell
London
EC1V 4JA
Tel: +44 (0)20 3146 7879
Email: technical@raaft.co.uk

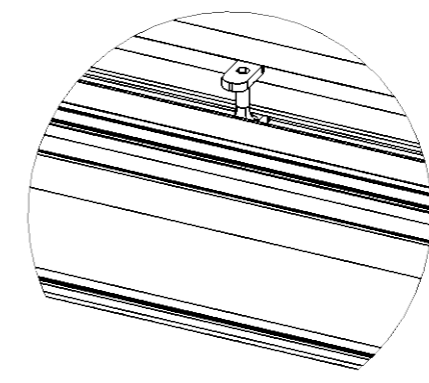
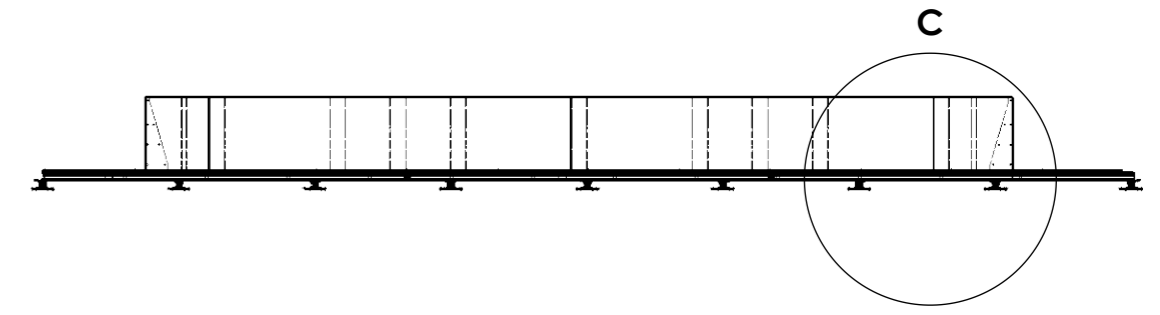


Typical Atria Layout

NO.	DESCRIPTION
1	METAL PEDESTAL WITH JOIST TO PEDESTAL CONNECTOR
2	50mm JOIST
3	548 x 548 x 28mm FLOOR STRUCTURE PANEL
4	ATRIA TILES
5	PLANTERLINE STRAIGHT SECTION
6	PLANTERLINE U SECTION

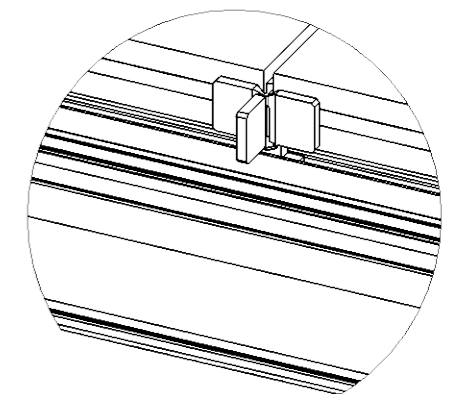


DETAIL C
SCALE 1 : 15



Detail F


Illustration showing a Wind Uplift clip in a joist, holding down a tile.



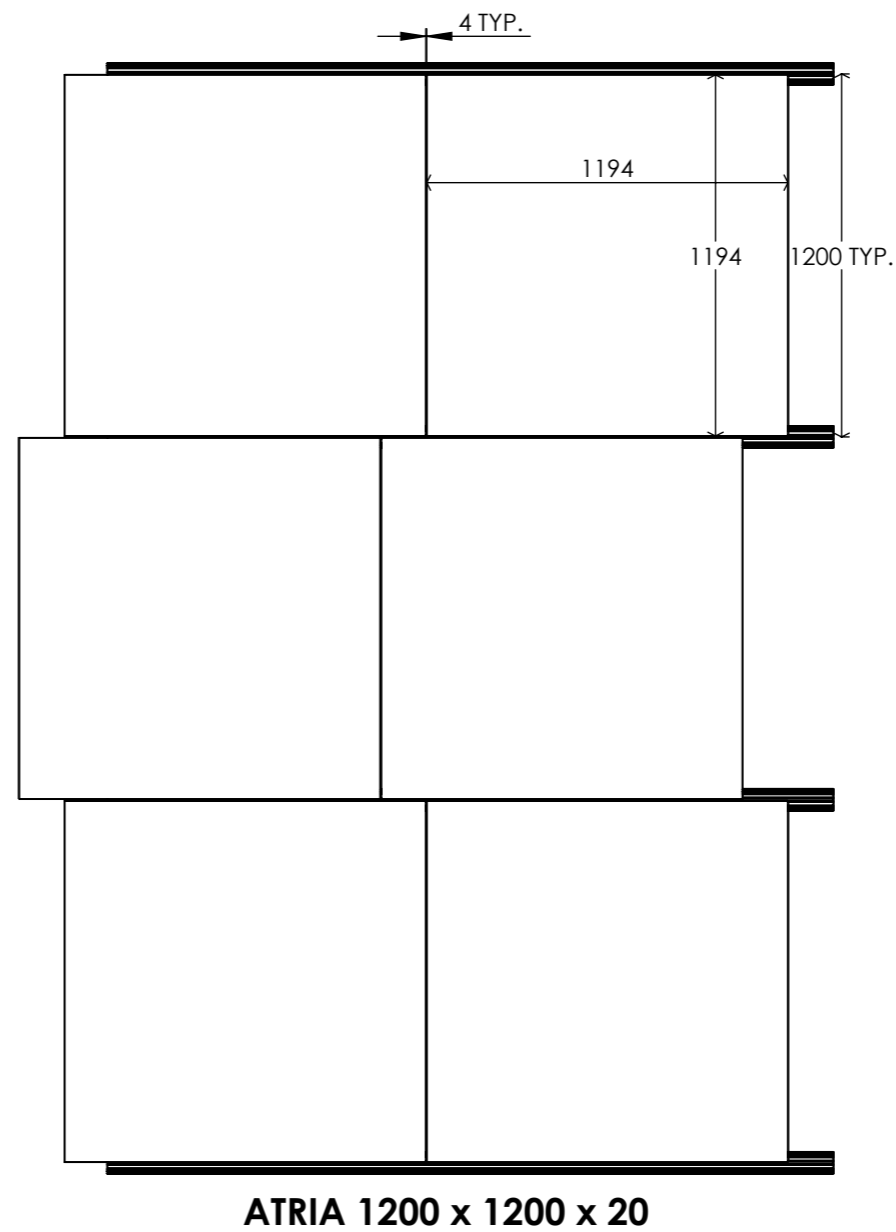
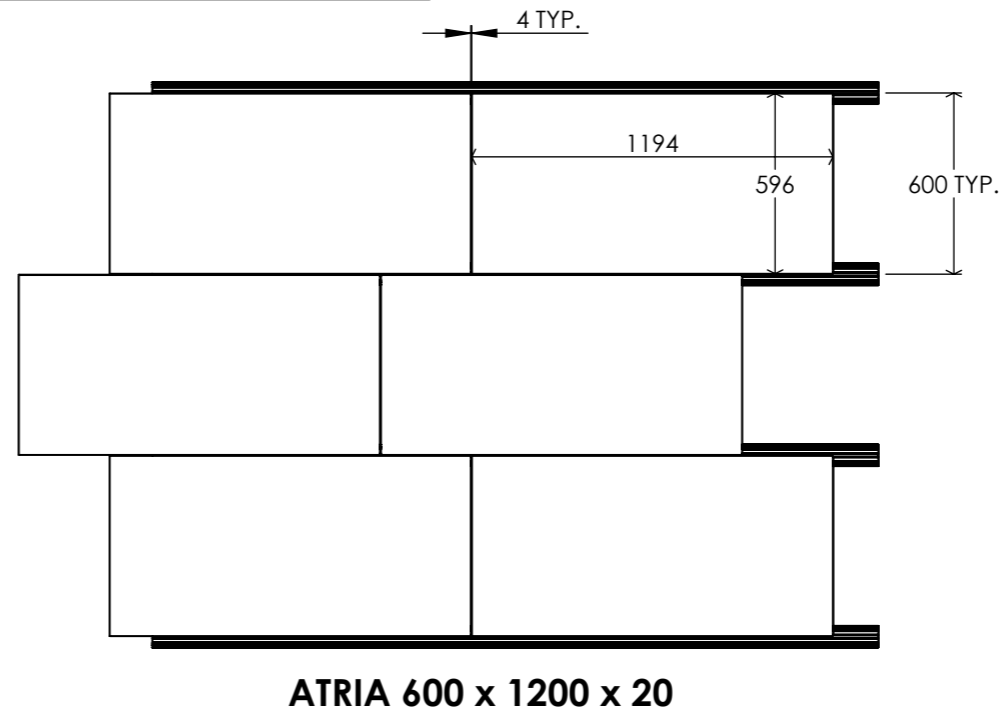
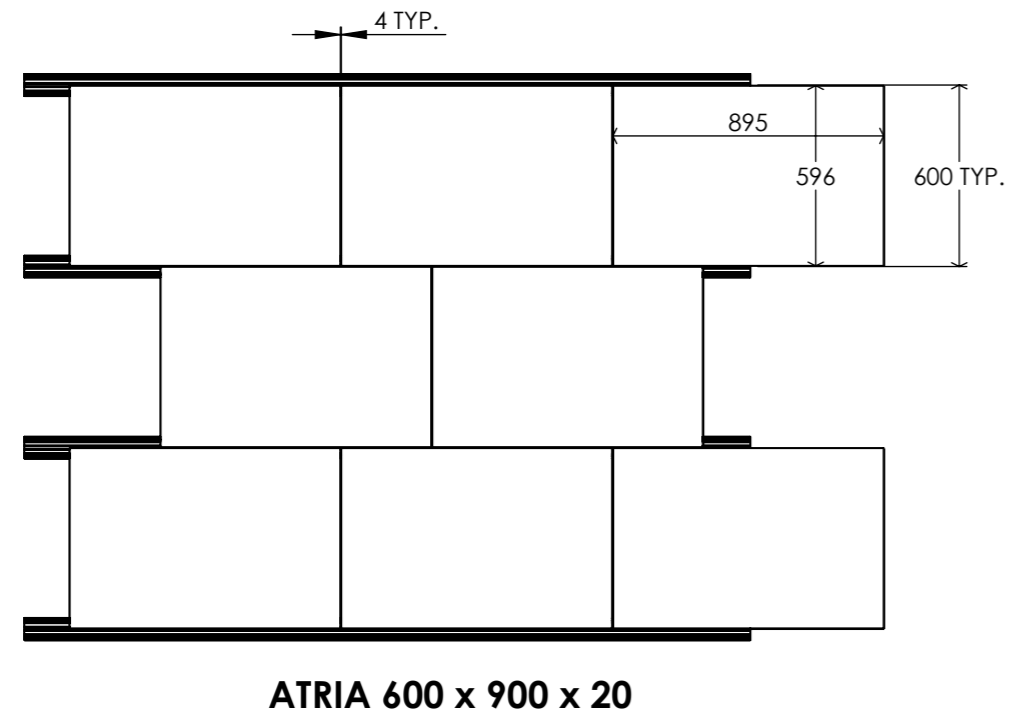
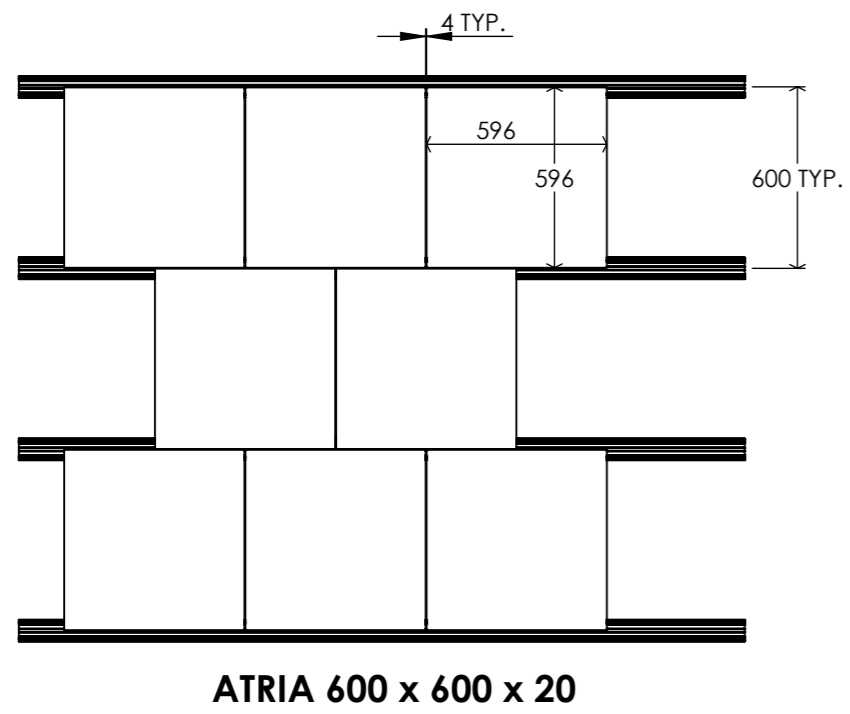
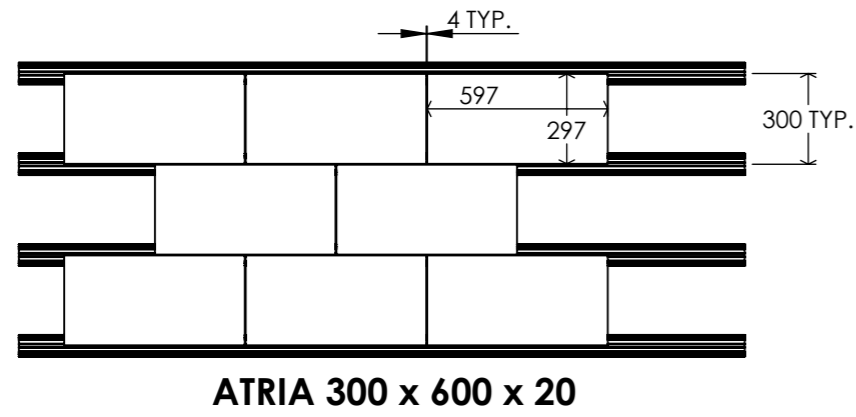
DETAIL D

Illustration of a tile spacer

DATE: 17/07/2023	PAGE NUMBER: 14	SHEET SIZE: A3
DRAWING TITLE: Typical Atria Layout		
117-121 St. John Street Clerkenwell London EC1V 4JA Tel: +44 (0)20 3146 7879 Email: technical@raaft.co.uk		



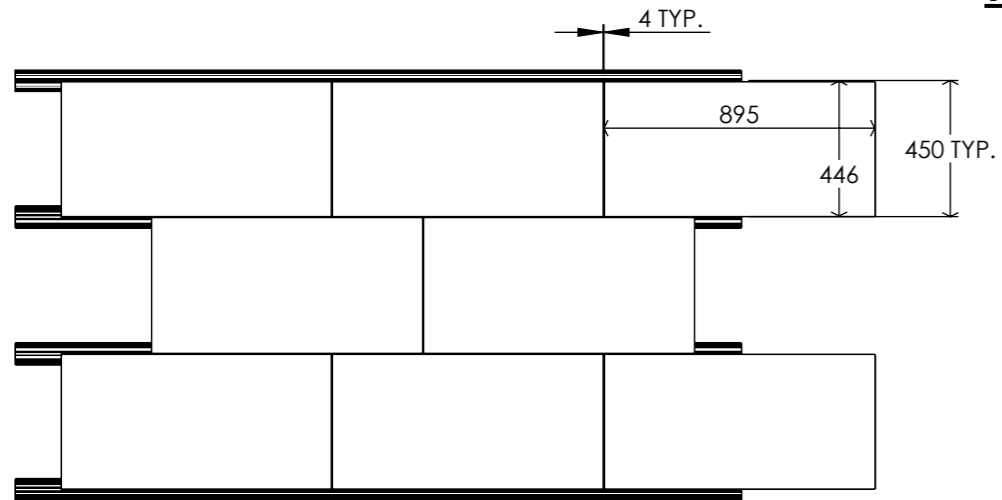
TYPICAL ATRIA DECKING LAYOUTS PART 1



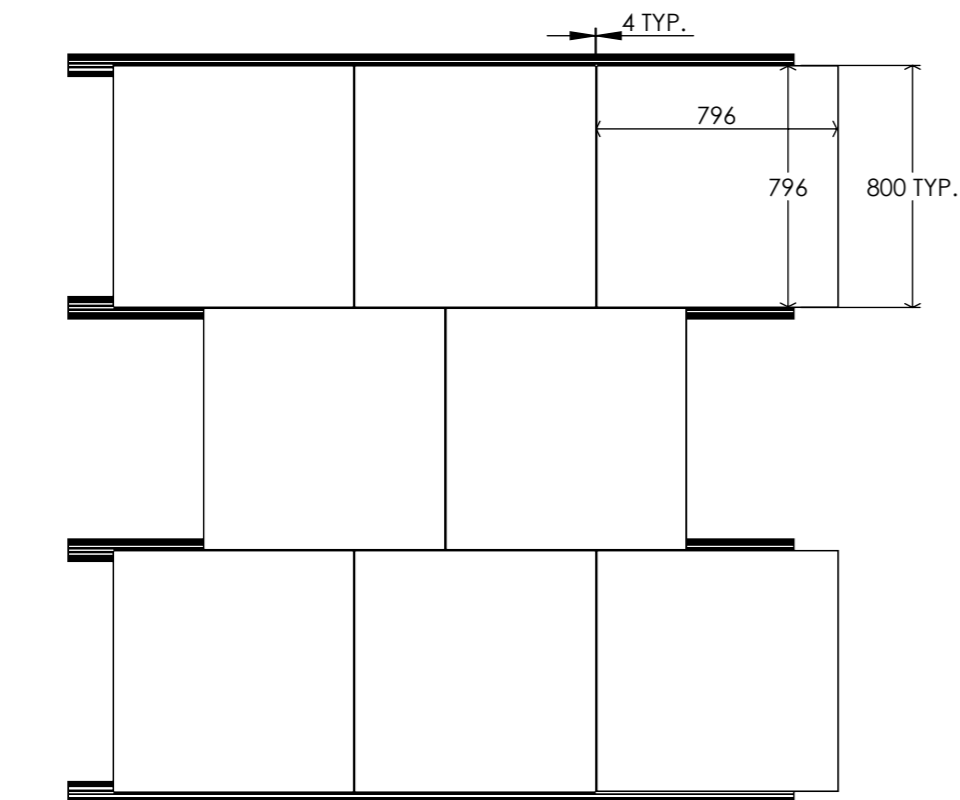
DATE: 17/07/2023	PAGE NUMBER: 15	SHEET SIZE: A3
DRAWING TITLE: Typical Atria Layout		
117-121 St. John Street Clerkenwell London EC1V 4JA Tel: +44 (0)20 3146 7879 Email: technical@raaft.co.uk		



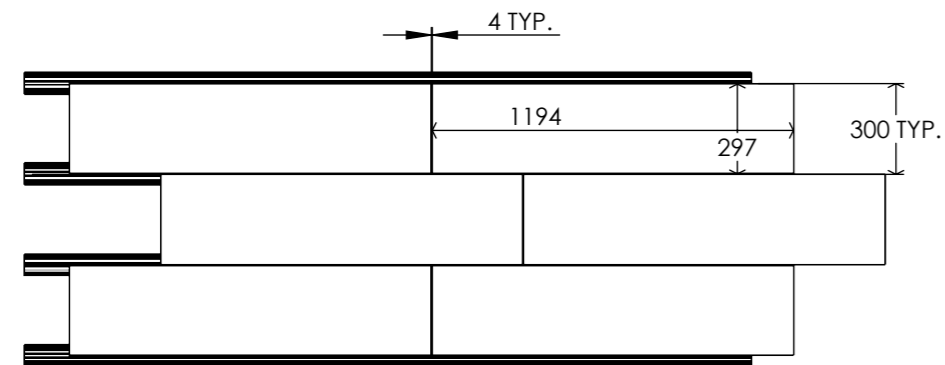
TYPICAL ATRIA DECKING LAYOUTS PART 2



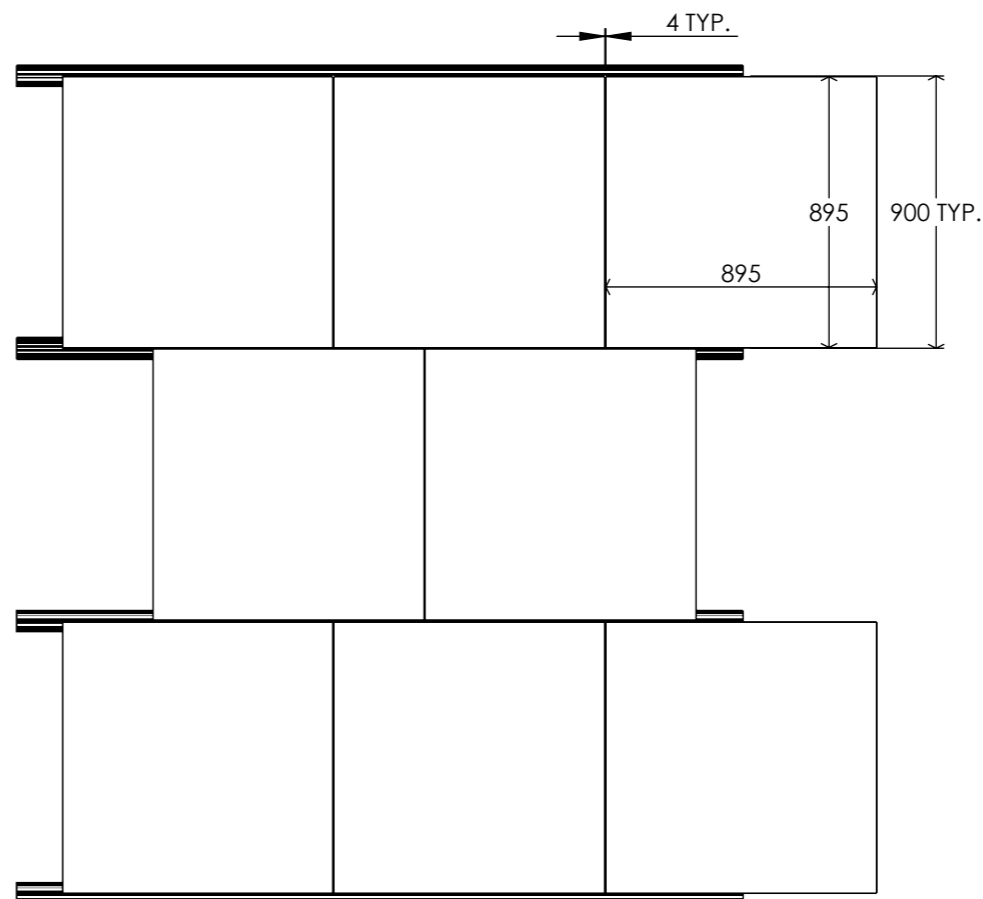
ATRIA 450 x 900 x 20



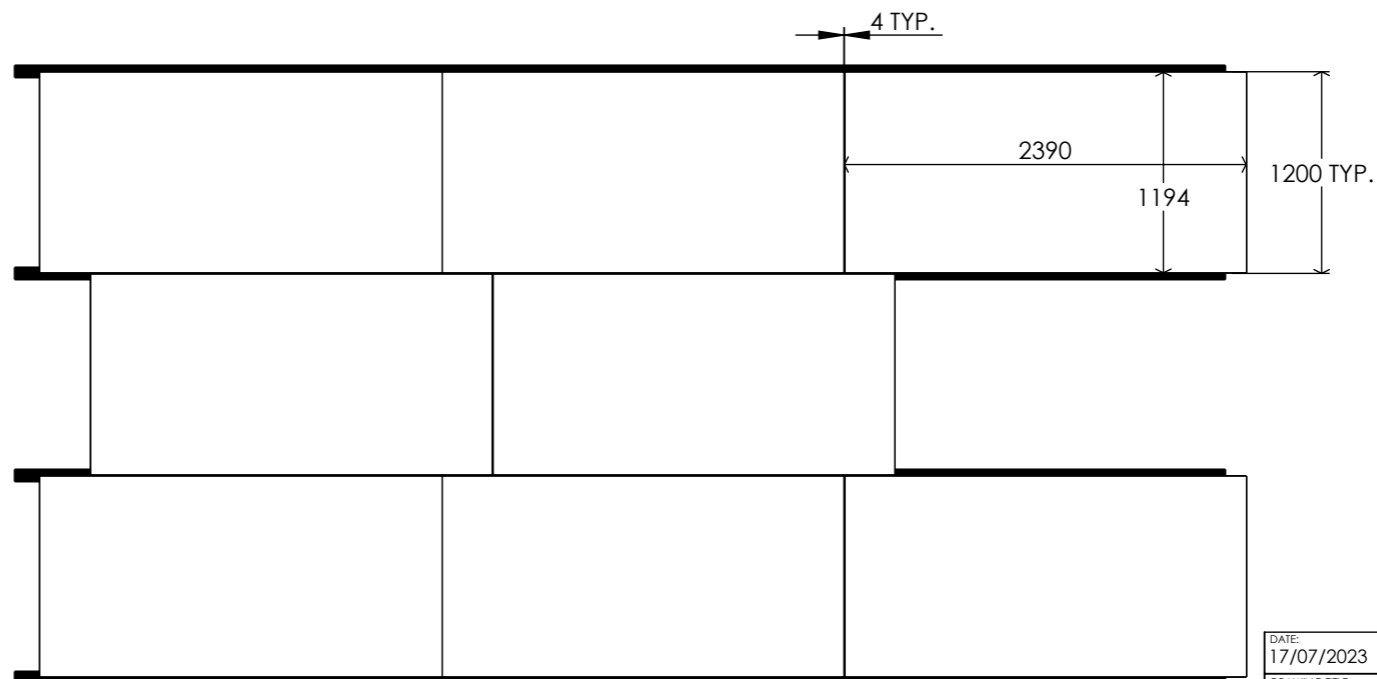
ATRIA 800 x 800 x 20




ATRIA 300 x 1200 x 20



ATRIA 900 x 900 x 20

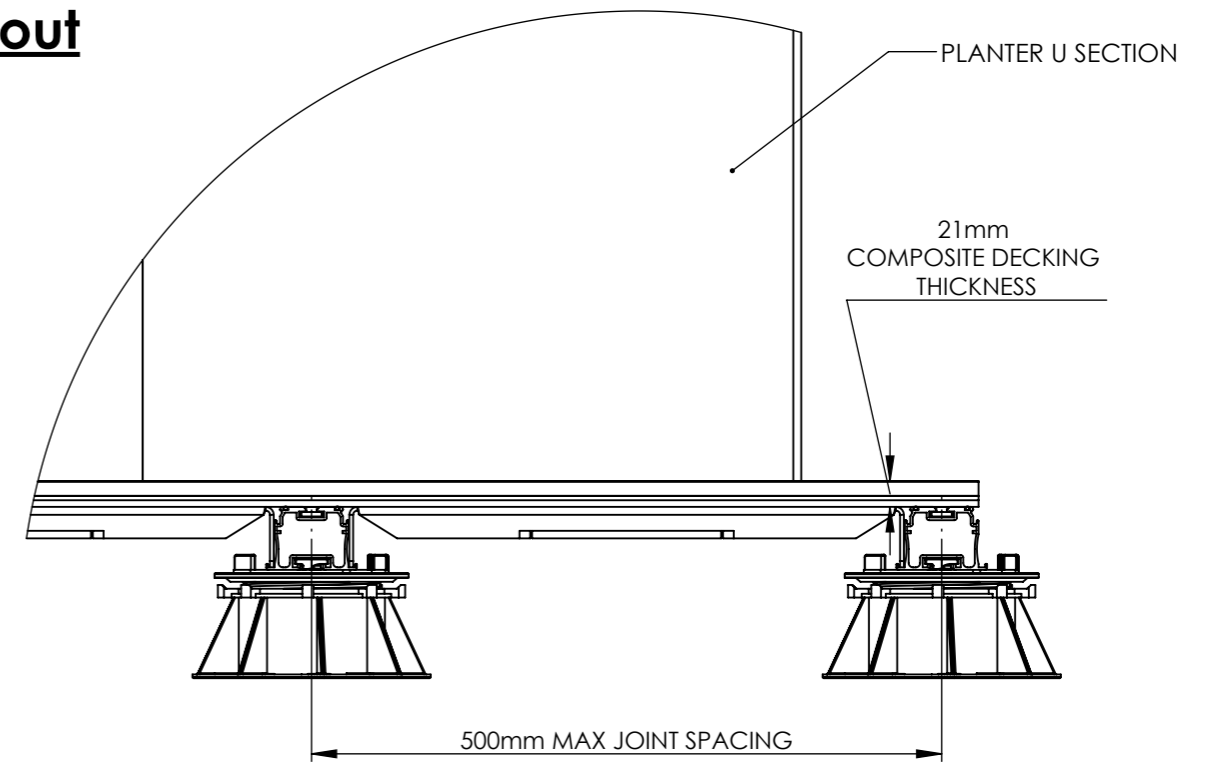
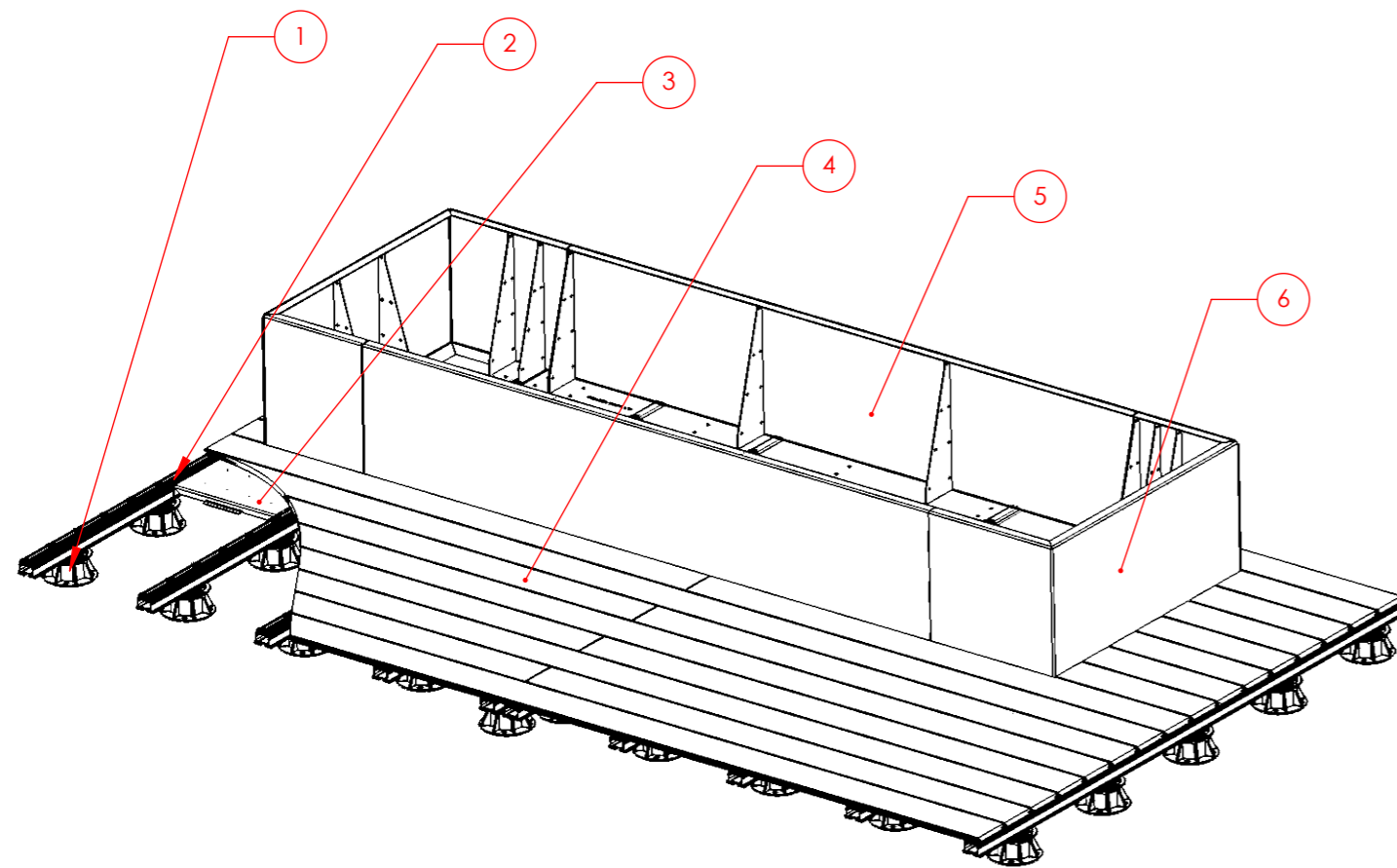


ATRIA 1200 x 2400 x 20

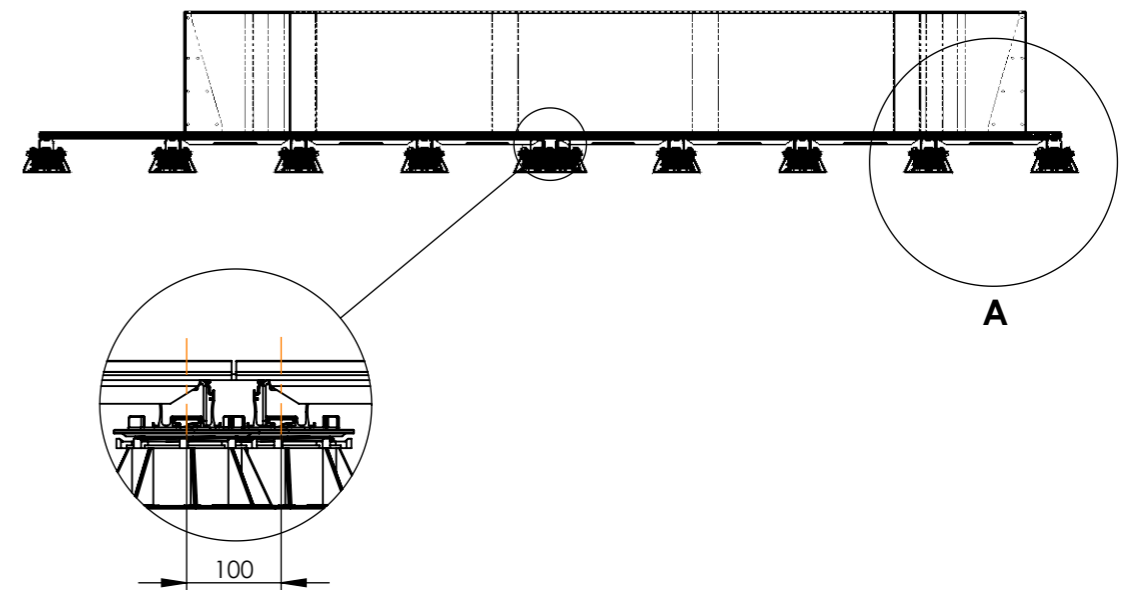
DATE: 17/07/2023	PAGE NUMBER: 16	SHEET SIZE: A3
DRAWING TITLE: Typical Atria Tile Layouts Pt 2		
117-121 St. John Street Clerkenwell London EC1V 4JA Tel: +44 (0)20 3146 7879 Email: technical@raaft.co.uk		

Typical Terrafina Layout

Item No.	DESCRIPTION
1	PLASTIC PEDESTAL WITH JOIST TO PEDESTAL CONNECTOR
2	50mm JOIST
3	540 x 440 x 48mm FLOOR STRUCTURE PANEL
4	TERRAFINA DECKING
5	PLANTERLINE STRAIGHT SECTION
6	PLANTERLINE U SECTION




**DETAIL A:
Typical Terrafina Buildup**

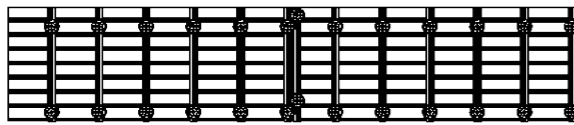
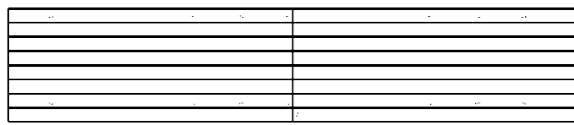


DETAIL B

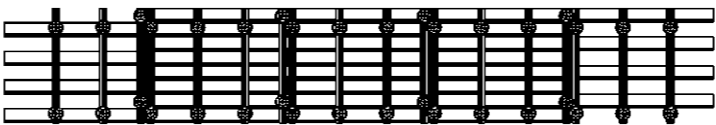
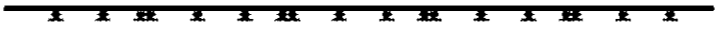
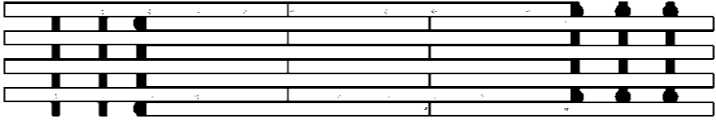
**Illustration of 100mm maximum gap
between joists where decking meets.
(Peds staggered to avoid
collision)**

DATE: 14/07/2023	PAGE NUMBER: 17	SHEET SIZE: A3
DRAWING TITLE: Typical Terrafina Layout		
117-121 St. John Street Clerkenwell London EC1V 4JA Tel: +44 (0)20 3146 7879 Email: technical@raaft.co.uk		

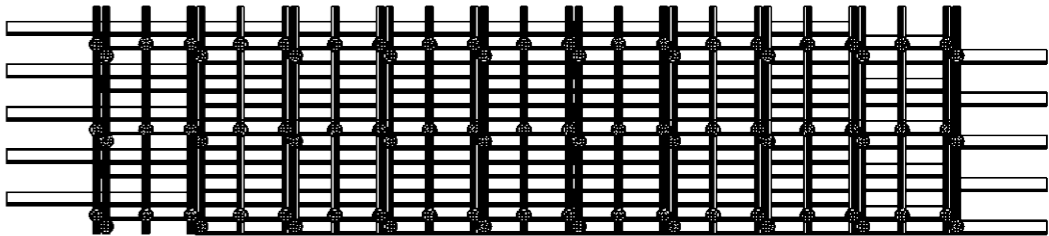
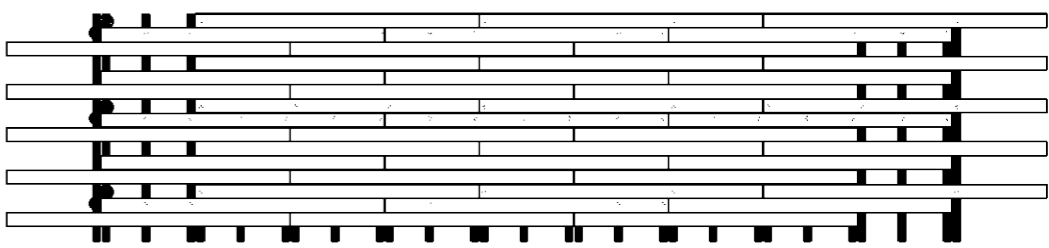
Terrafina Tile layouts



Straight



1/2 Offset

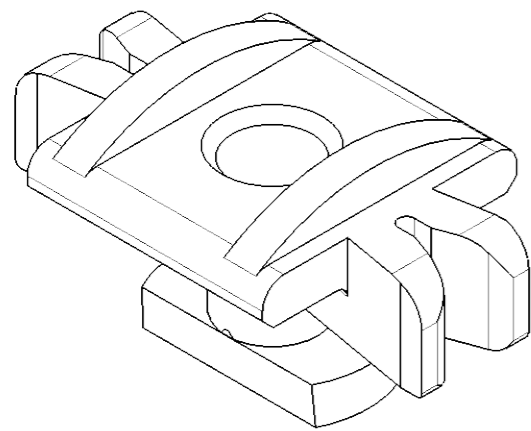
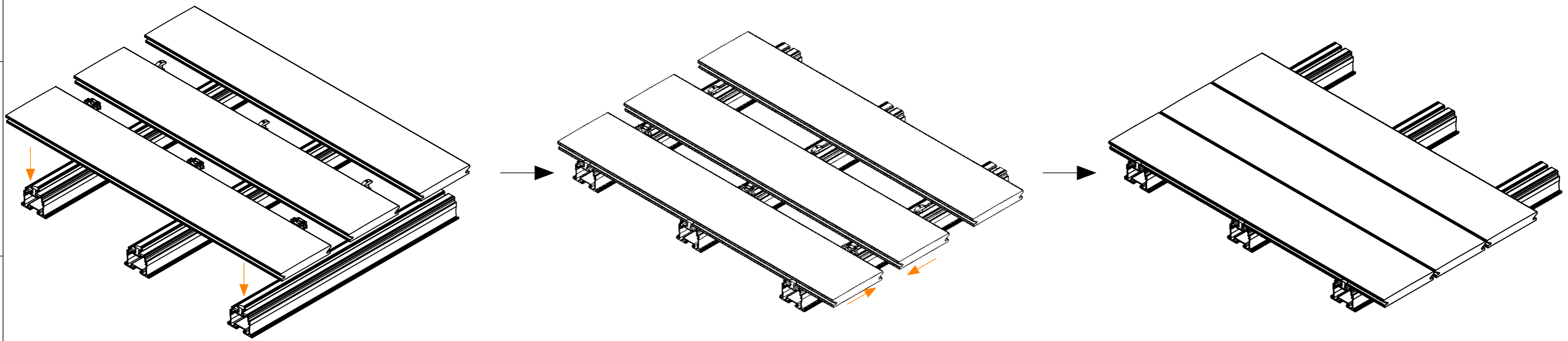


1/3 Offset

All Terrafina Tiles are available in
the following dimentions:
Width : 146mm
Length : 3, 4, 5 or 6m lengths
Height : 20mm

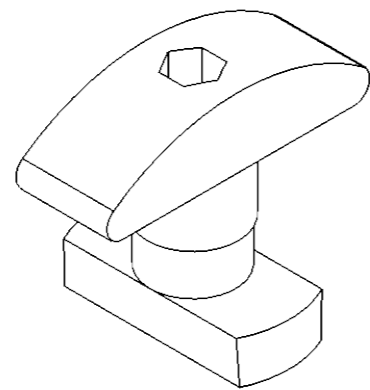
DATE: 14/07/23	PAGE NUMBER: 18	SHEET SIZE A3
Drawing Title: Terrafina Title Layouts		
117-121 St. John Street Clerkenwell London EC1V 4JA Tel: +44 (0)20 3146 7879 Email: technical@raaft.co		 A Kinley Group company Kinley

Terrafina Joist Clips



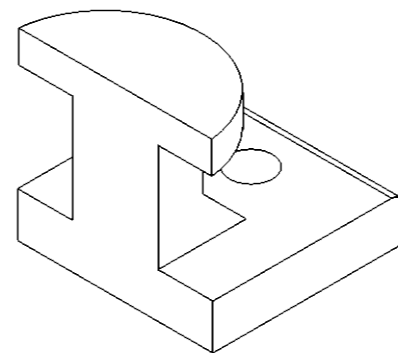
Mounting Clip

These will twist into the joist groove, holding down the terrafina boards.



Access Clip

These are similar to a mounting clip, but for ease of removal.

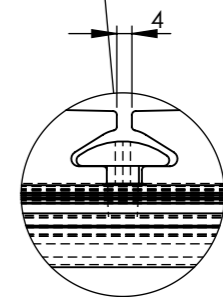


Starter Clip


These clips will be used at one end of the decking, to ensure stability and lack of movement.



PLAN VIEW

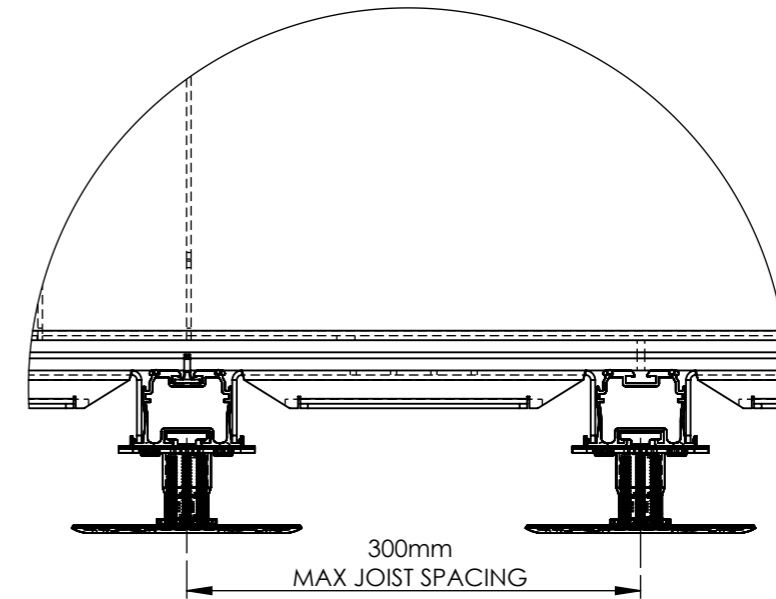
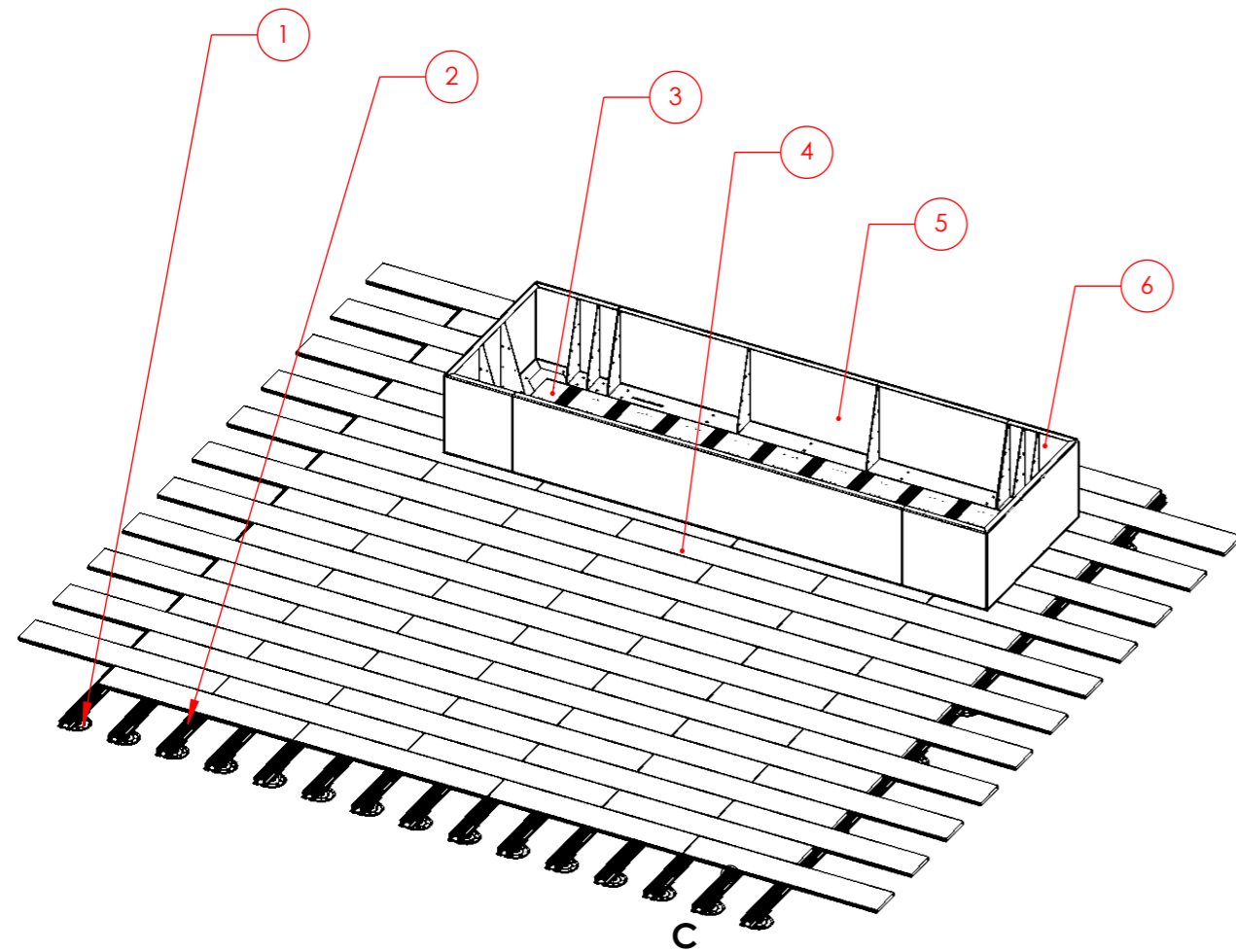


DETAIL C
Illustrates the gap between tiles using either of the terrafina clips
SCALE 1 : 2

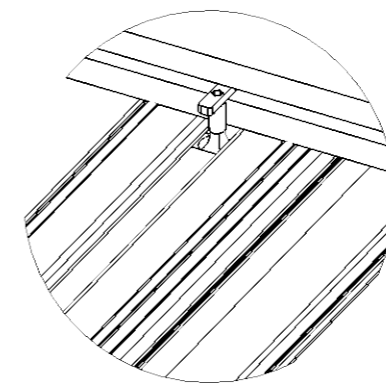
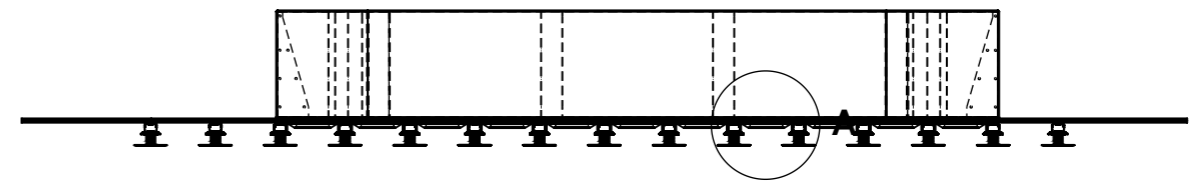
DATE: 14/07/23	PAGE NUMBER: 19	SHEET SIZE A3
Drawing Title: Terrafina Joist Clips		
117-121 St. John Street Clerkenwell London EC1V 4JA Tel: +44 (0)20 3146 7879 Email: technical@raaft.co		 A Kinley Group company Kinley

Typical Farrino Layout


NO.	DESCRIPTION
1	METAL PEDESTAL WITH JOIST TO PEDESTAL CONNECTOR
2	50mm JOIST
3	548 x 248 x 28mm FLOOR STRUCTURE PANEL
4	FARRINO TILES
5	PLANTERLINE STRAIGHT SECTION
6	PLANTERLINE U SECTION



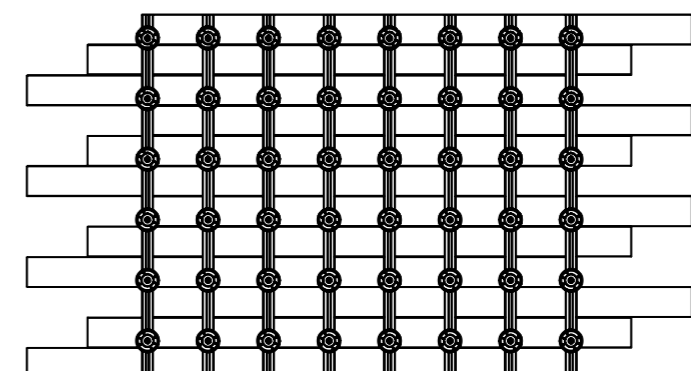
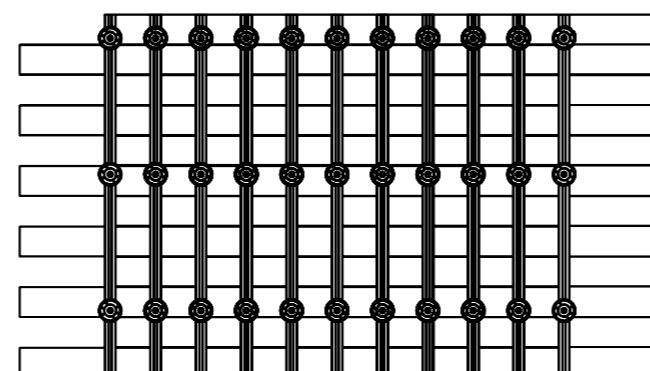
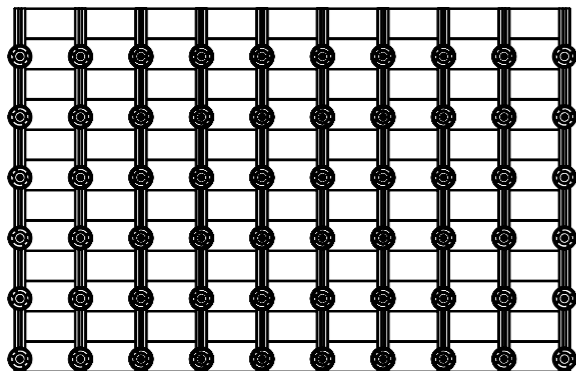
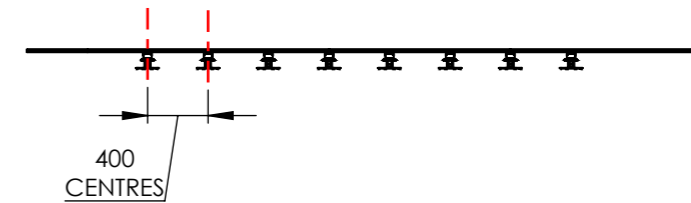
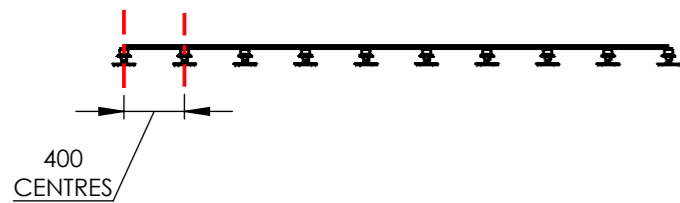
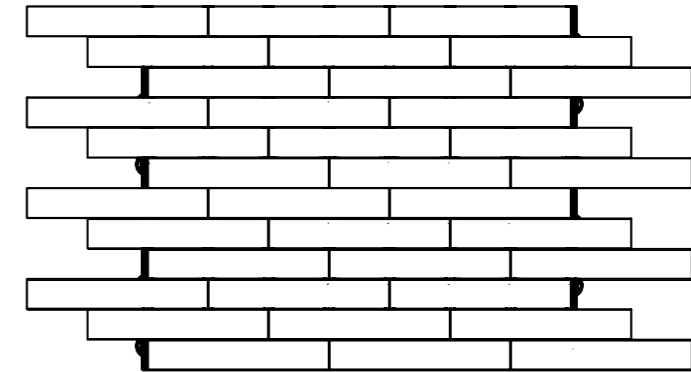
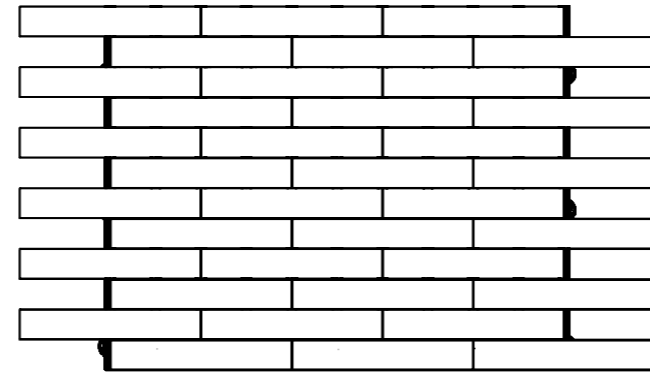
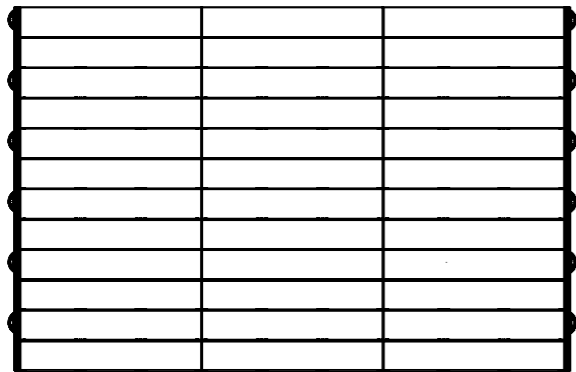
DETAIL A
SCALE 1 : 5



DETAIL C
Wind Uplift Clip
illustration

DATE: 14/07/23	PAGE NUMBER: 20	SHEET SIZE A3
Drawing Title: Typical Farrino Layout		
117-121 St. John Street Clerkenwell London EC1V 4JA Tel: +44 (0)20 3146 7879 Email: technical@raaft.co		 <p>RAAFT A Kinley Group company Kinley</p>

Farrino Tile Layouts



Straight

1/2 - Offset

1/3 - Offset

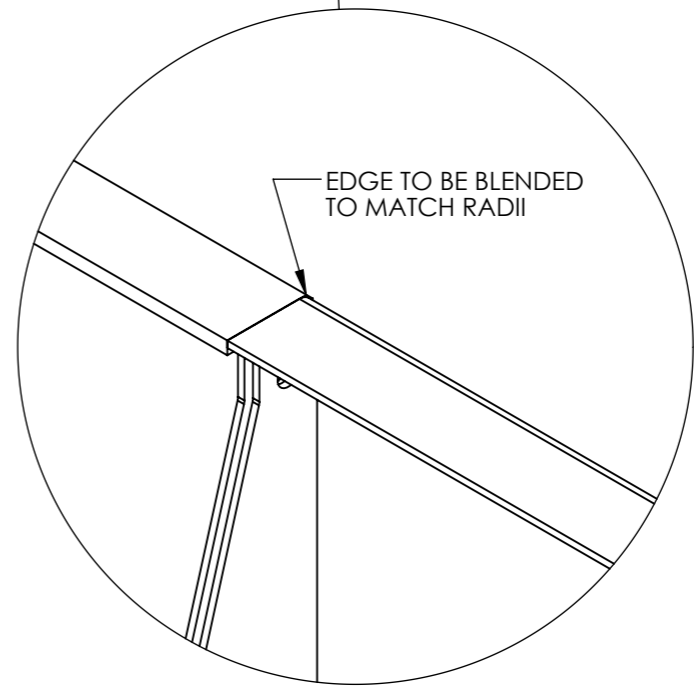
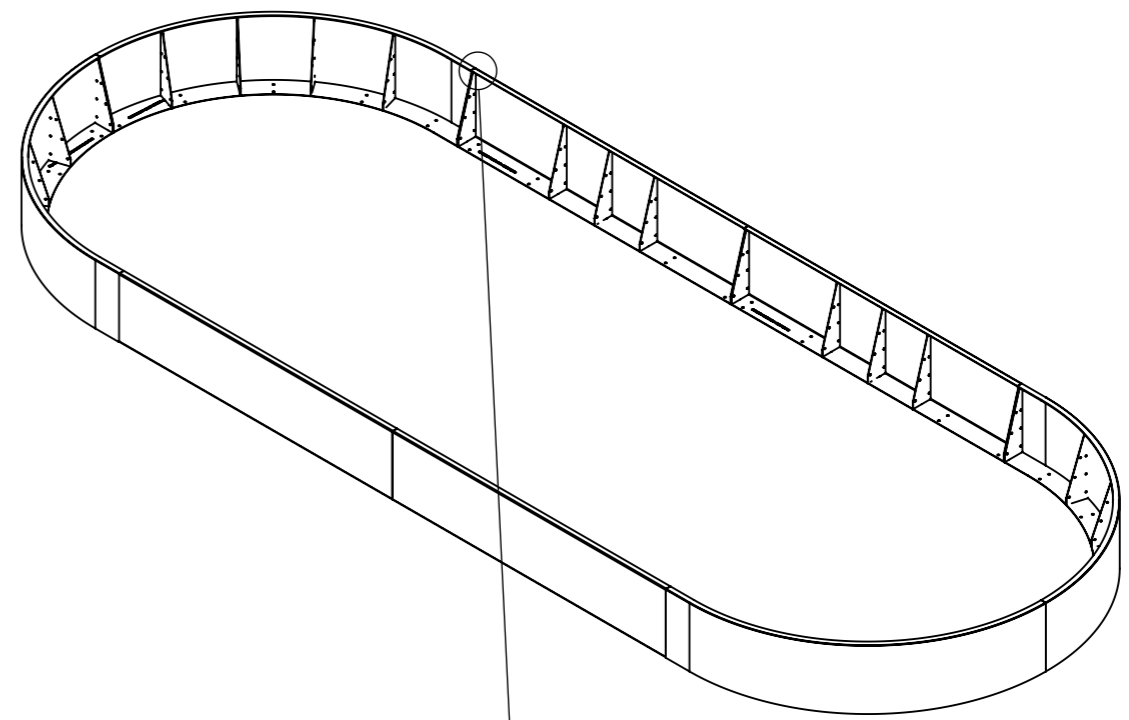
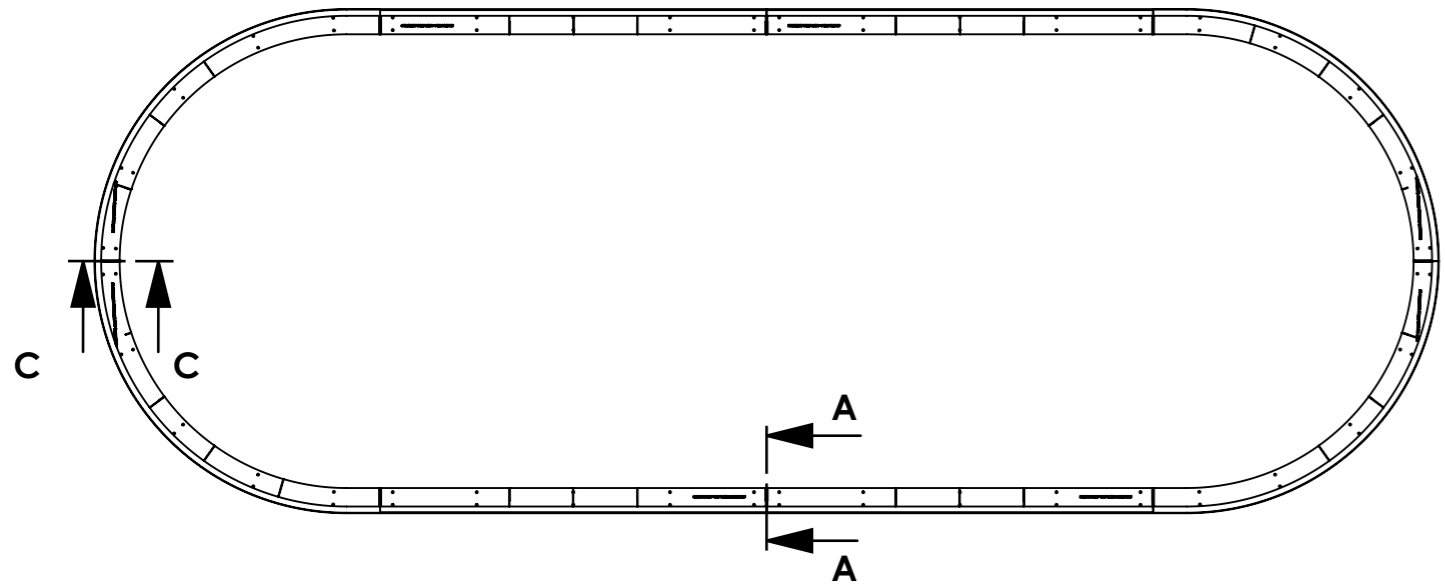
All Farrino Tiles only come in the following standard dimentions:

Width : 200mm
Length : 1200mm
Depth : 20mm

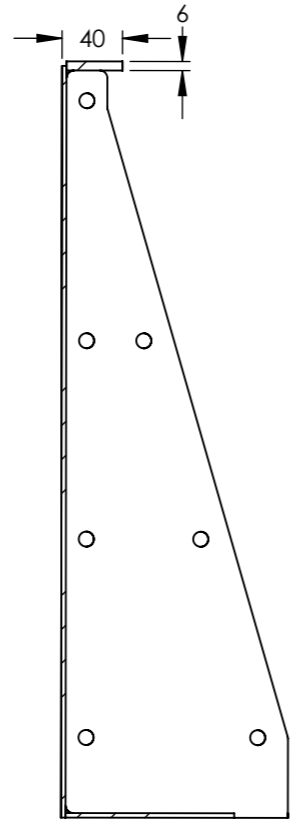
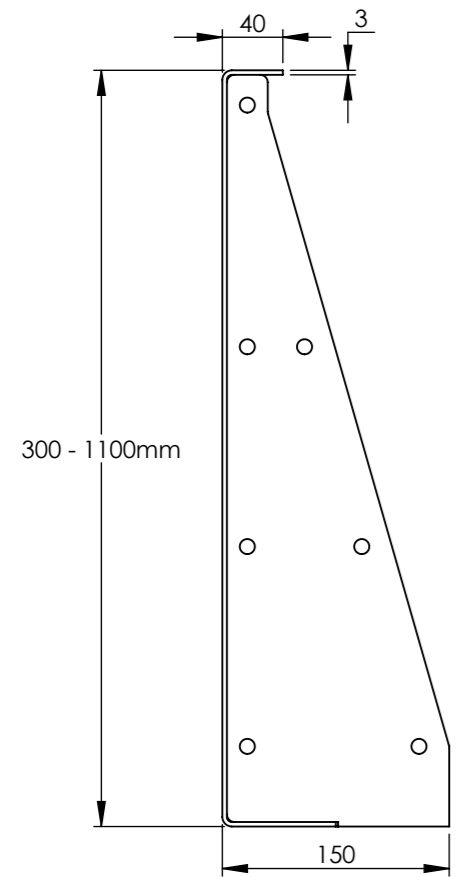
DATE:	PAGE NUMBER:	SHEET SIZE:
14/07/23	21	A3
Drawing Title:		
Farrino Decking Layouts		
117-121 St. John Street Clerkenwell London EC1V 4JA Tel: +44 (0)20 3146 7879 Email: technical@raaft.co		 RAAFT <small>A Kinley Group company Kinley</small>

Planterline Curved Example

PLANTERLINE CURVED - THE PURPOSE OF THIS PRODUCT IS FOR CURVED PLANTERS ONLY.
FOR STRAIGHT PLANTERS REFFER TO PAGES 18 & 19



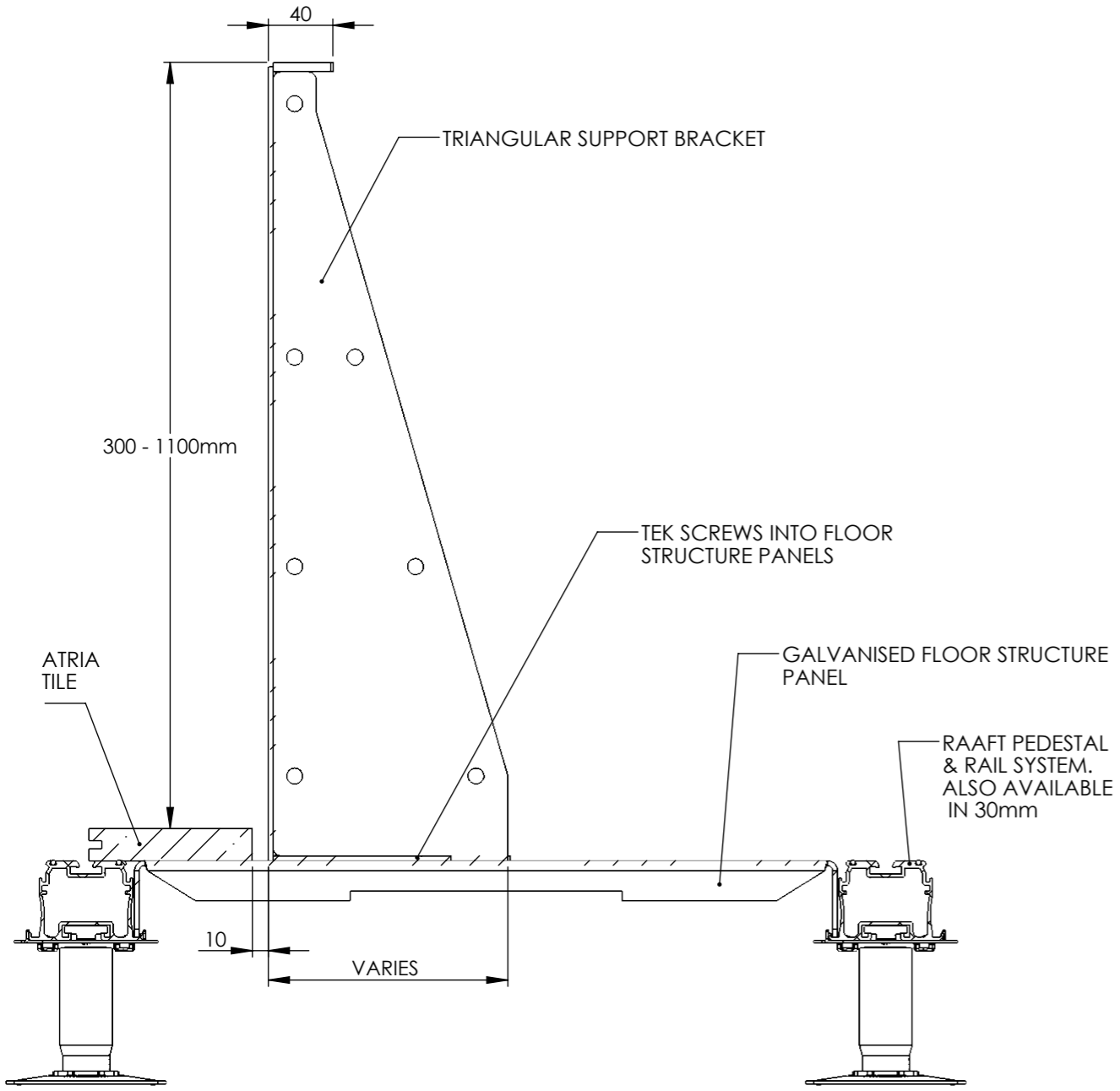
**DETAIL B
SCALE 2 : 5**



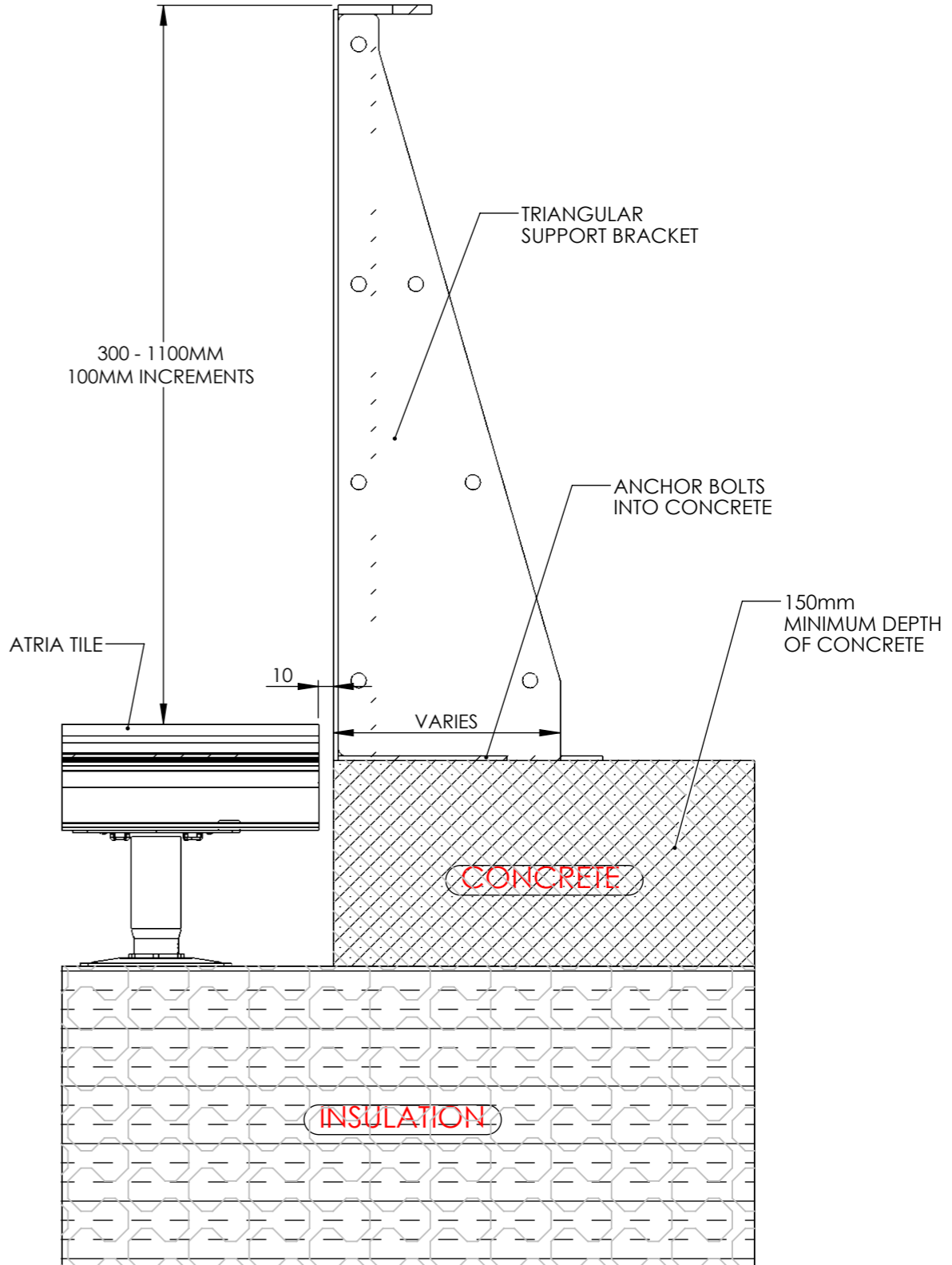
DATE: 14/07/2023	PAGE NUMBER: 22	SHEET SIZE: A3:
DRAWING TITLE: Planterline Curved Example		
117-121 St. John Street Clerkenwell London EC1V 4JA Tel: +44 (0)20 3146 7879 Email: technical@raaft.co.uk		



Planterline Curve planter details



TYPICAL PLANTERLINE CURVE ON TO PEDESTALS & ROOF TRAYS
SCALE 1 : 4

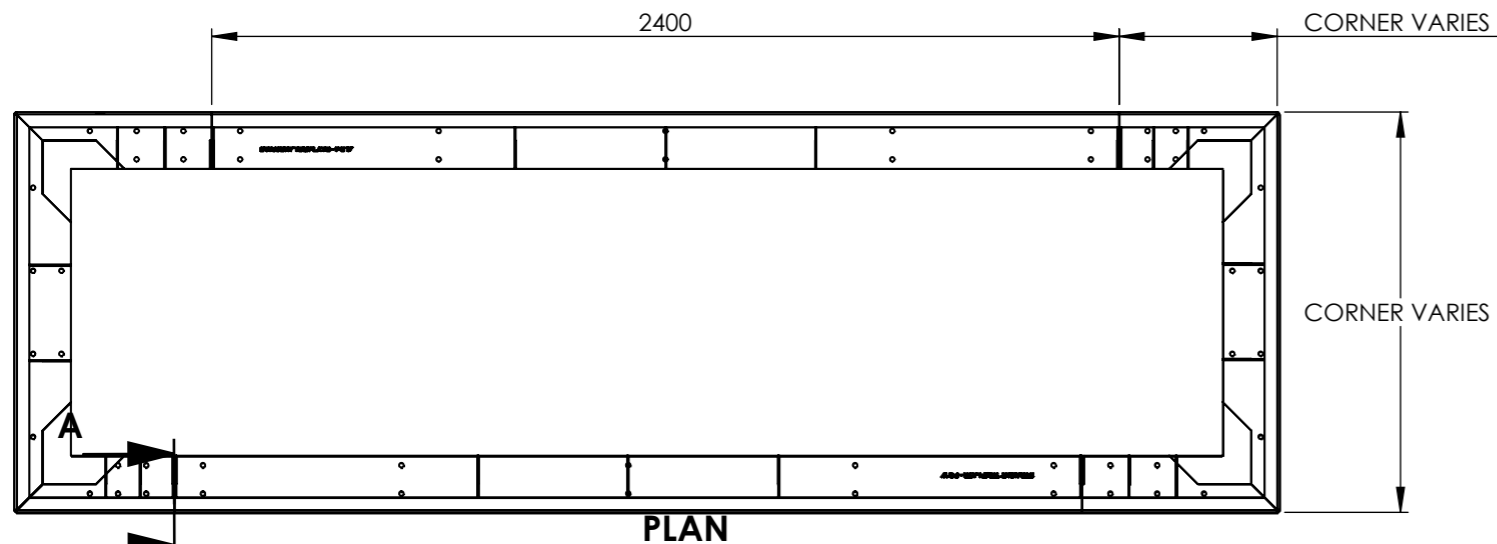


TYPICAL PLANTERLINE CURVE ONTO CONCRETE

DATE: 17/07/2023	PAGE NUMBER: 23	SHEET SIZE: A3
DRAWING TITLE: Planterline Curve Details		
117-121 St. John Street Clerkenwell London EC1V 4JA Tel: +44 (0)20 3146 7879 Email: technical@raaft.co.uk		



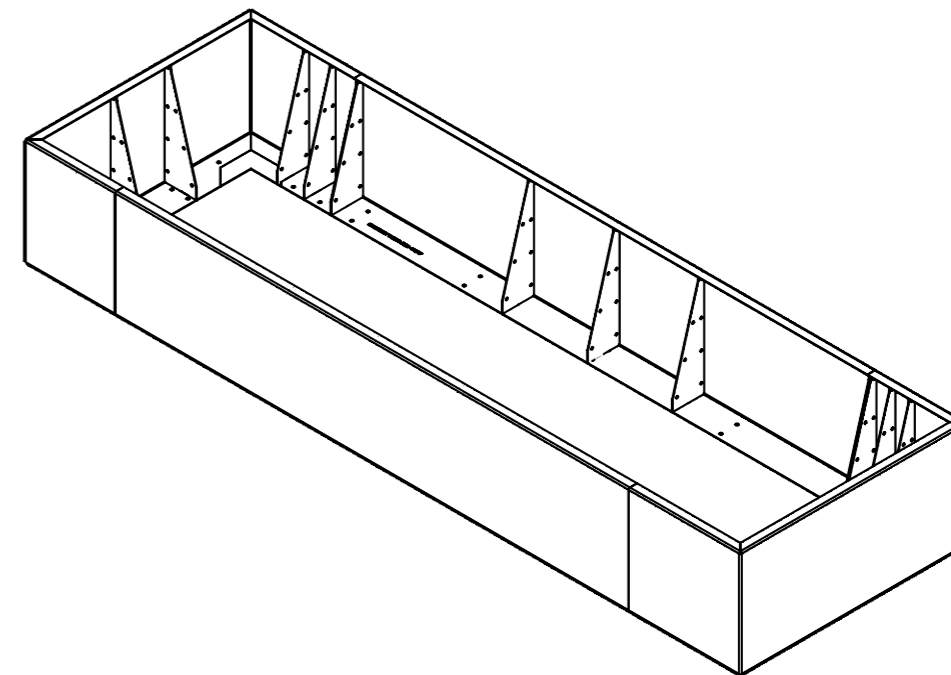
Straight Planterline example



A



FRONT ELEVATION



NOTES:

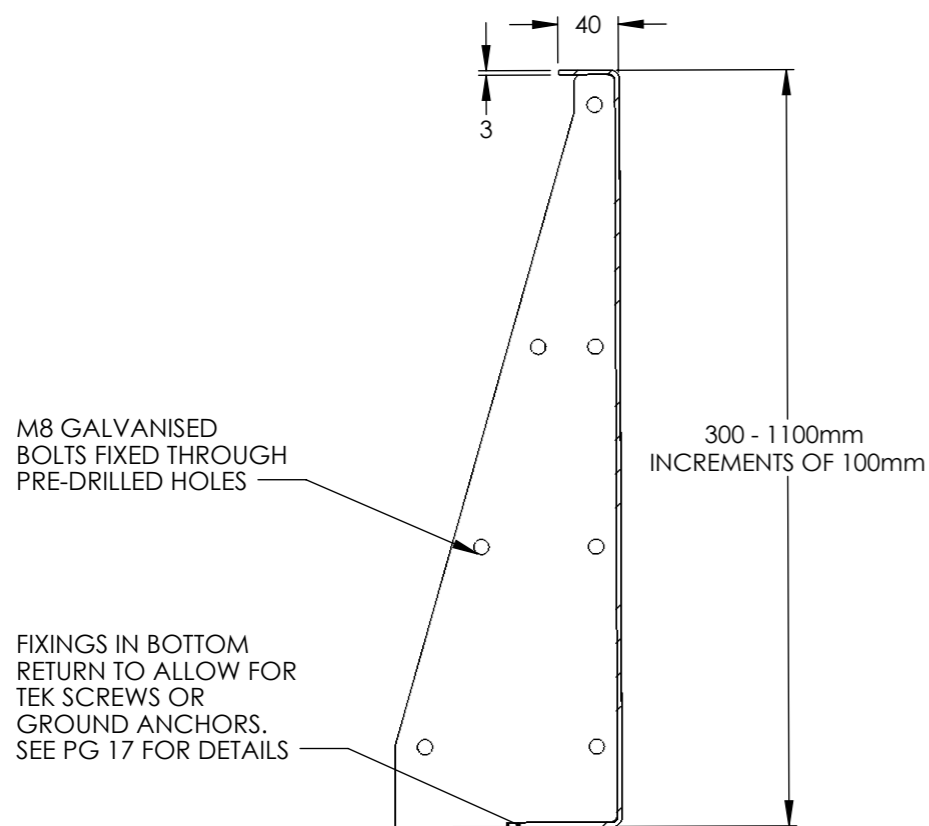
RAAFT RECOMMEND THE INTERNAL WALL OF THE STEEL PLANTERS ARE PROTECTED WITH A LIQUID APPLIED FLEXIBLE WATERPROOFING LAYER. ALL FIXINGS AND JOINTS SHOULD BE SEALED WITH A CLEAR, EXTERNALLY RATED SEALANT. IT IS RECOMMENDED THAT POLYSTYRENE IS INSTALLED AROUND THE INTERNAL PERIMETER OF THE PLANTER WALL TO ACT AS A THERMAL BREAK BETWEEN THE PLANTER WALL AND THE SOIL. THIS IS NOT SUPPLIED WITH THE SYSTEM.

RAAFT SUPPLY ALL FIXINGS REQUIRED TO CONNECT THE PANELS, BRACKETS AND TO FIX TO THE FLOOR STRUCTURE PANELS/CONCRETE FOUNDATIONS, WHICHEVER THE PROJECT REQUIRES, INCLUDING A SELF-ADHESIVE SEALING TAPE TO FIT BETWEEN PANEL JOISTS

FINISHES AVAILABLE:
 COR-TEN STEEL
 MILD STEEL POWDER COATED
 GREEN STEEL POWDER COATED (TO SUIT ANY RAL COLOUR)

PLEASE NOTE THAT A MANUFACTURERS STAMP MAY EVEN BE VISIBLE ON PANELS IN COR-TEN STEEL FINISH UPON INSTALLATION. THIS WILL FADE IN APPROXIMATELY THREE MONTHS DUE TO NATURAL WEATHERING.

THE PURPOSE OF THIS PRODUCT IS FOR STRAIGHT PLANTERS ONLY. FOR CURVED DETAILS REFER TO PAGES 16 & 17

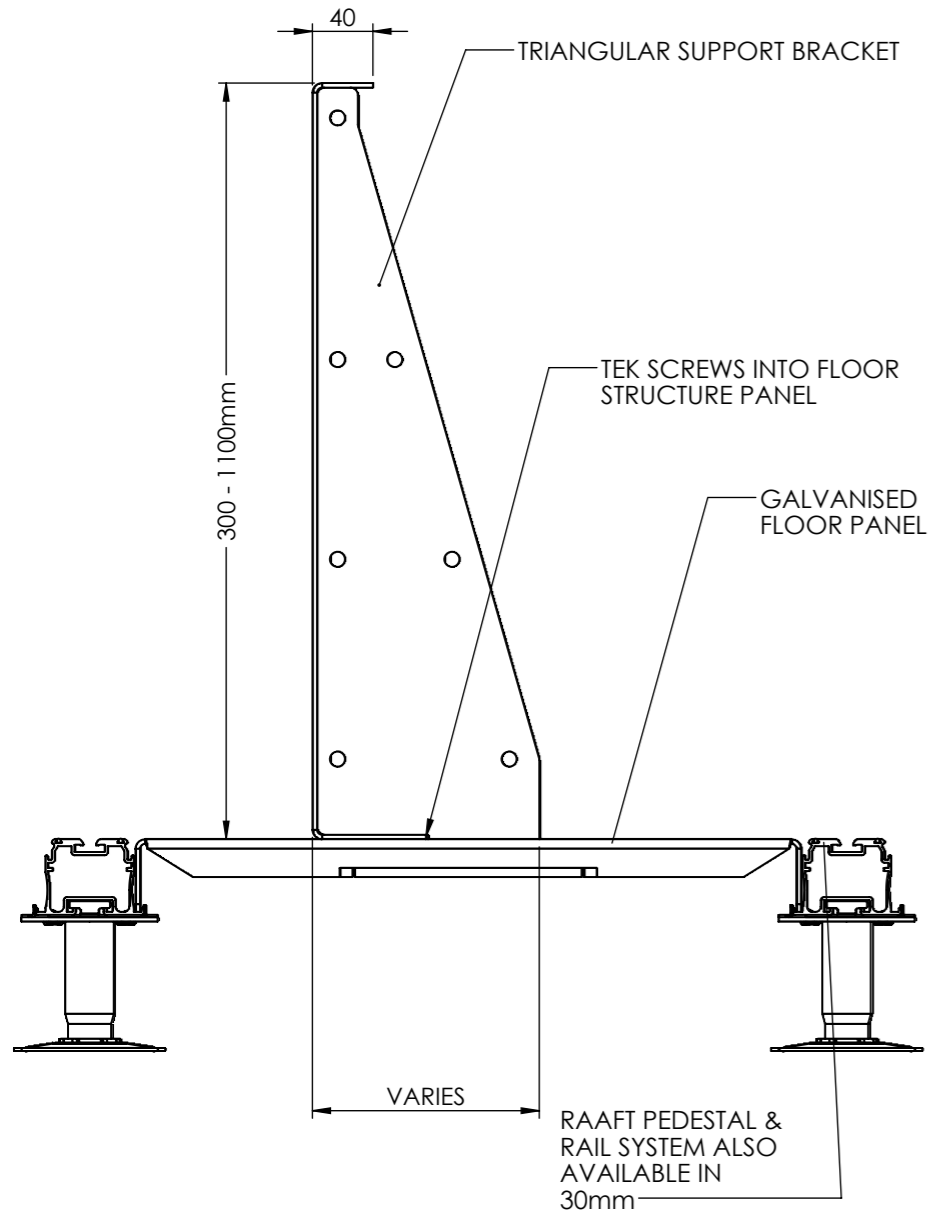


**SECTION A-A
SCALE 1 : 5**

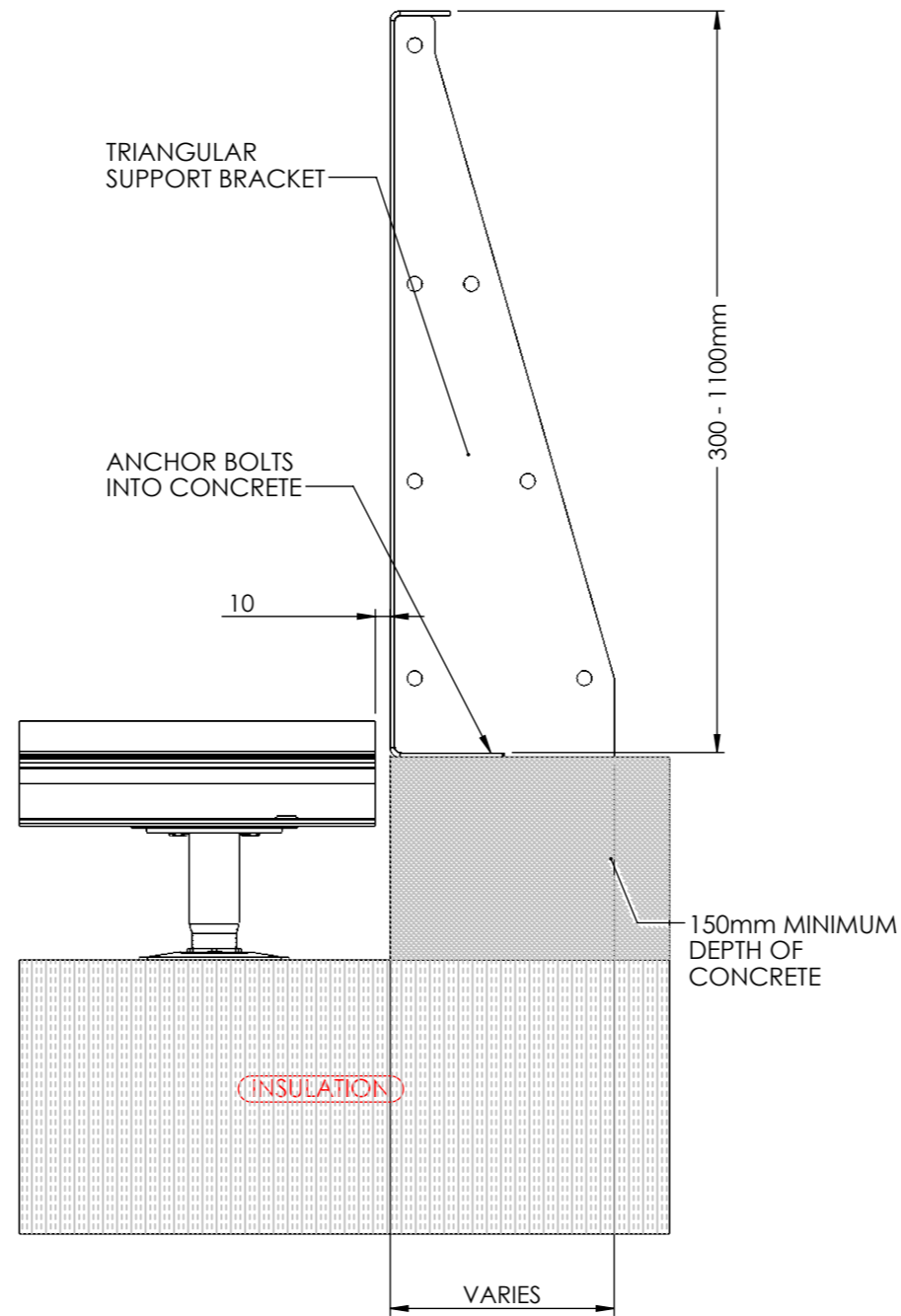
DATE: 17/07/2023	PAGE NUMBER: 24	SHEET SIZE: A3
DRAWING TITLE: Planterline Straight Example		
117-121 St. John Street Clerkenwell London EC1V 4JA Tel: +44 (0)20 3146 7879 Email: technical@raaft.co.uk		RAAFT

Straight Planter details

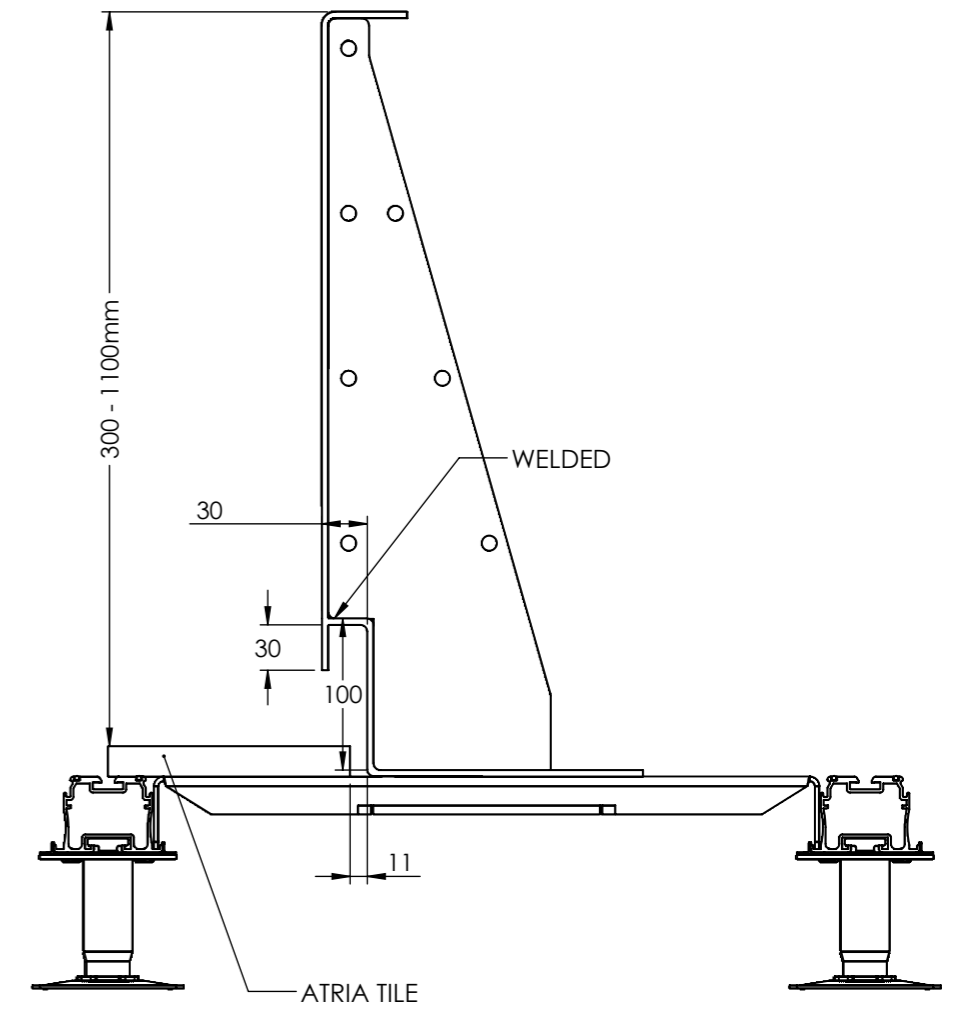
TYPICAL PLANTERLINE ONTO PEDESTALS AND ROOF TRAYS



TYPICAL PLANTERLINE ONTO CONCRETE



TYPICAL PLANTERLINE LIGHTING DETAIL ON RAAFT STRUCTURE



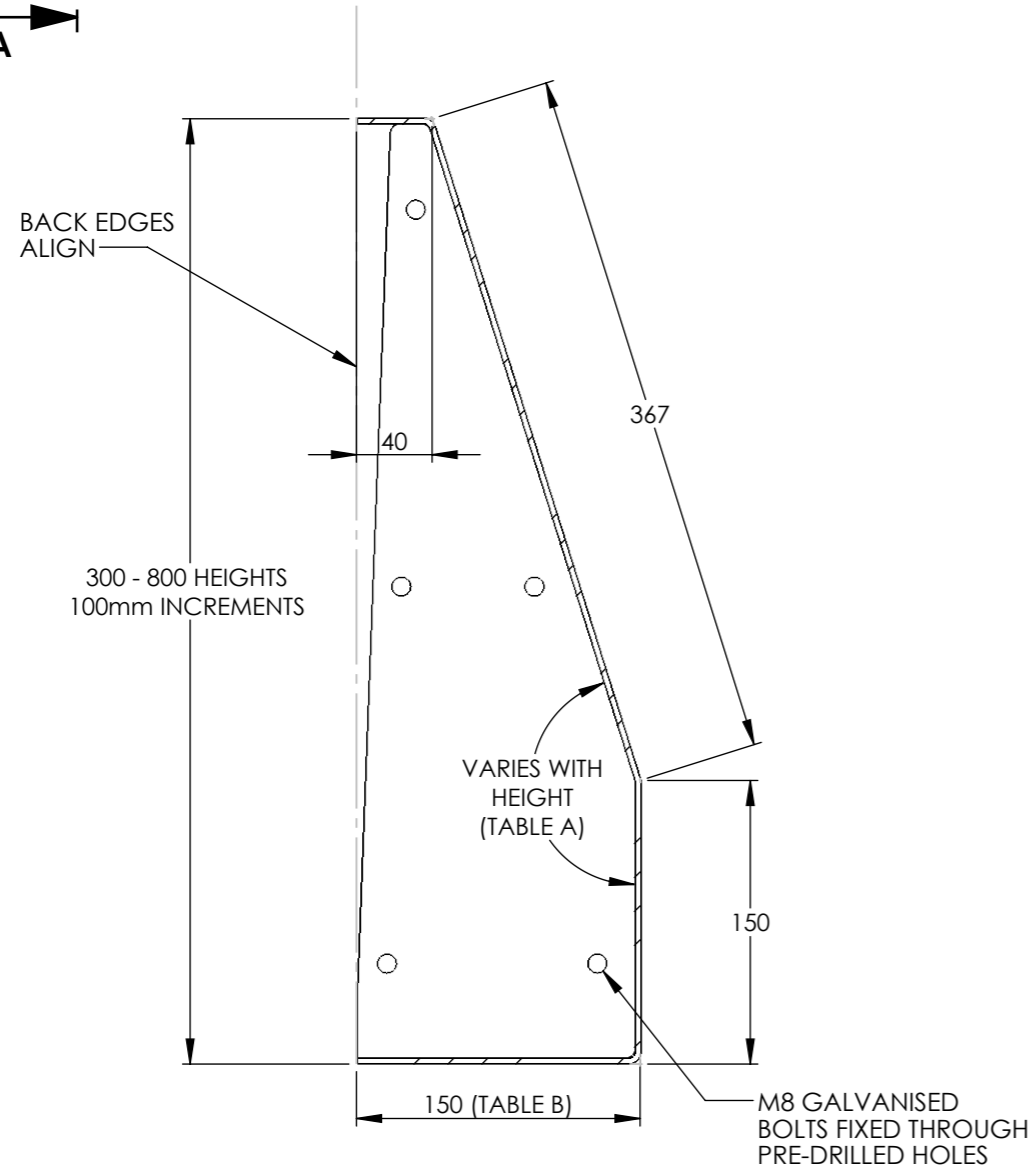
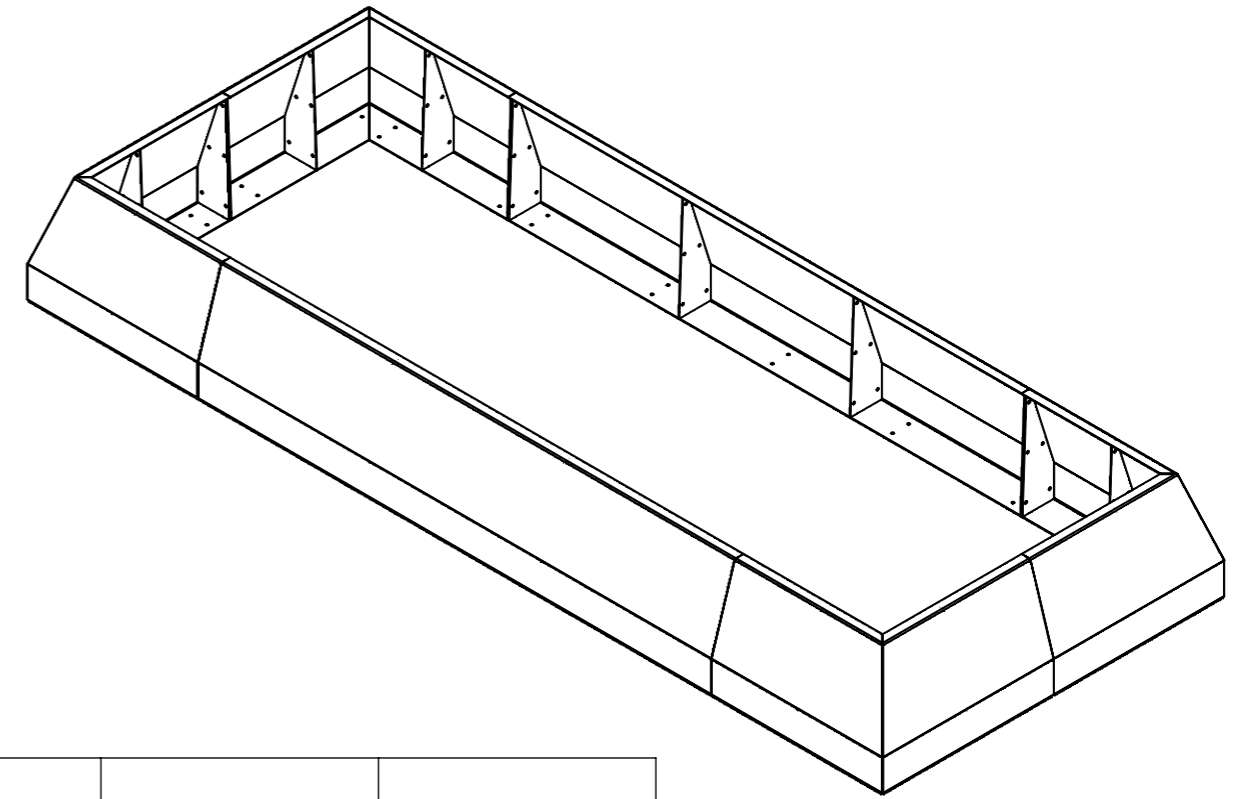
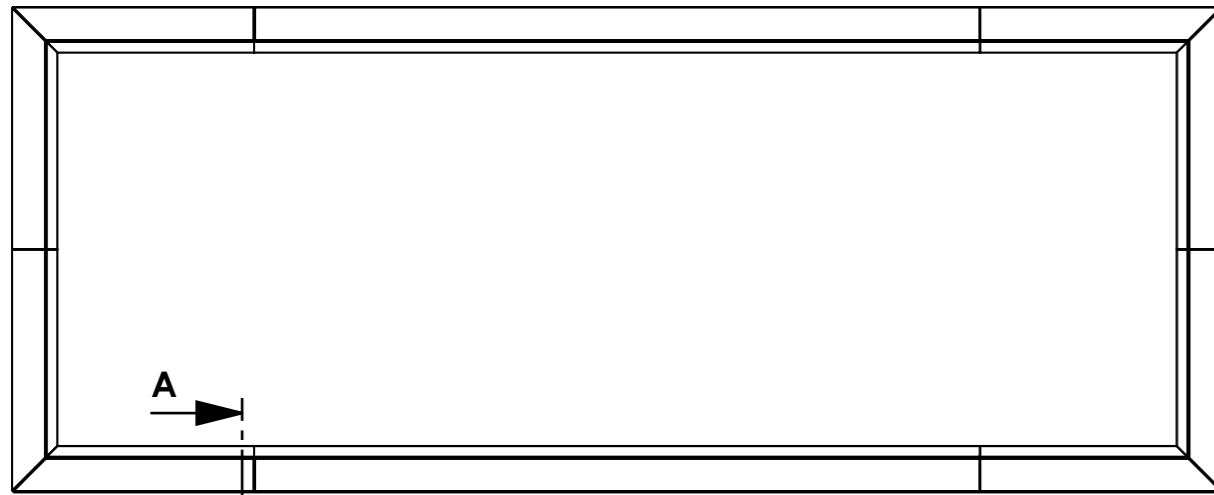
DATE: 17/07/2023	PAGE NUMBER: 25	SHEET SIZE: A3
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DRAWING TITLE:
Planterline straight Details

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Clerkenwell
London
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Email: technical@raaft.co.uk



Prism Planter Example



SECTION A-A

	A - VARYING ANGLES FOR EACH HEIGHT	B - VARYING BASEPLATE WIDTH FOR EACH HEIGHT
HEIGHT (mm)	ANGLE (°)	BASE PLATE WIDTH (mm)
300	144°	150
400	156°	150
500	163°	150
600	160°	200
700	164°	200
800	166°	200

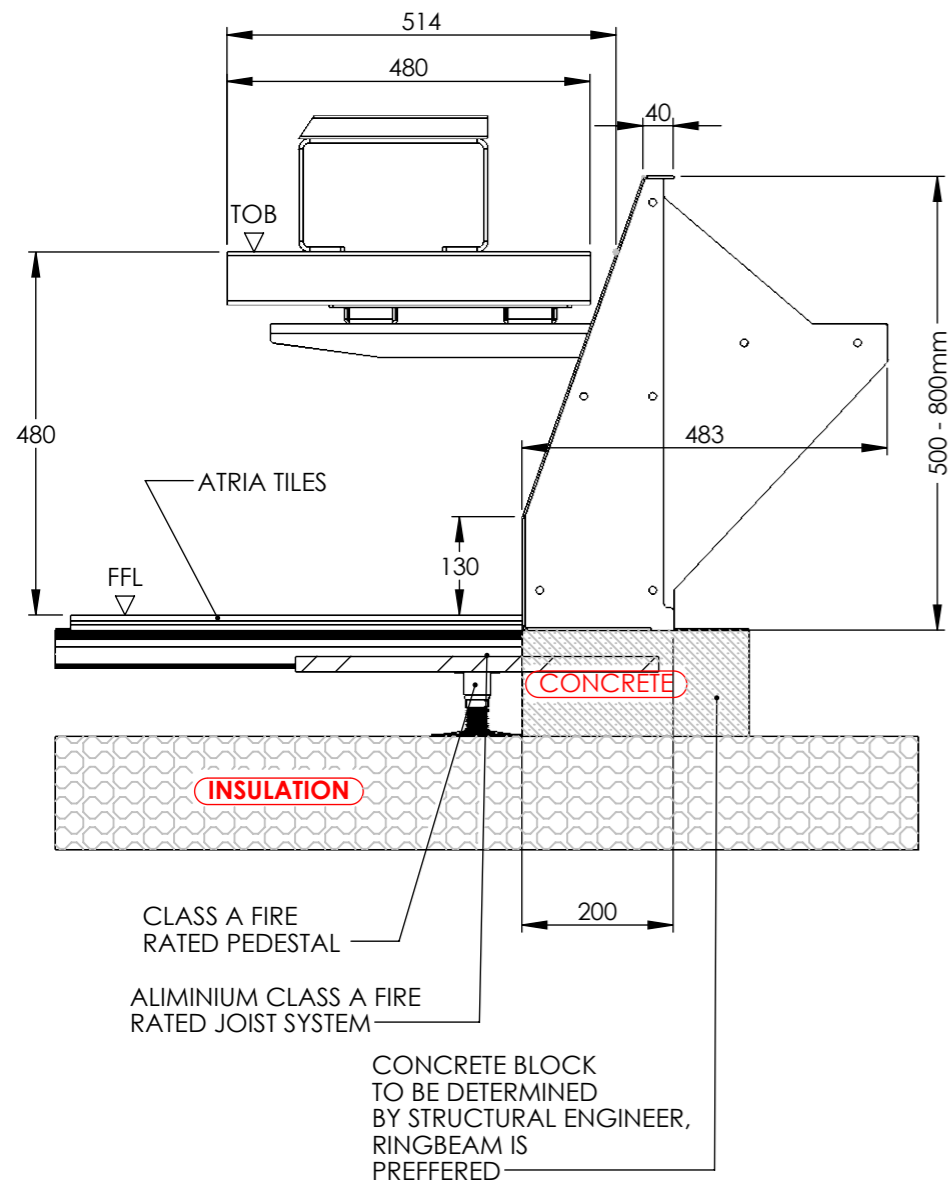
DATE: 17/07/2023 PAGE NUMBER: 26 SHEET SIZE: A3

DRAWING TITLE: Planterline Prism Example

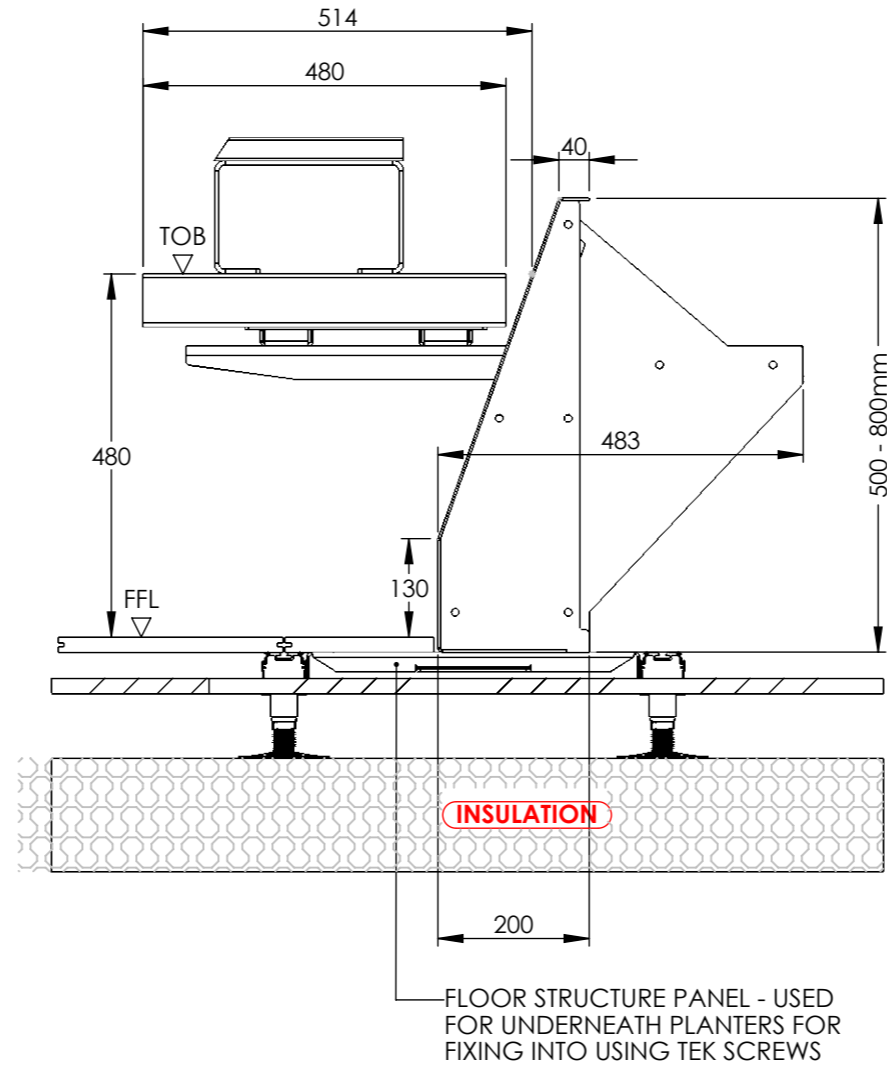
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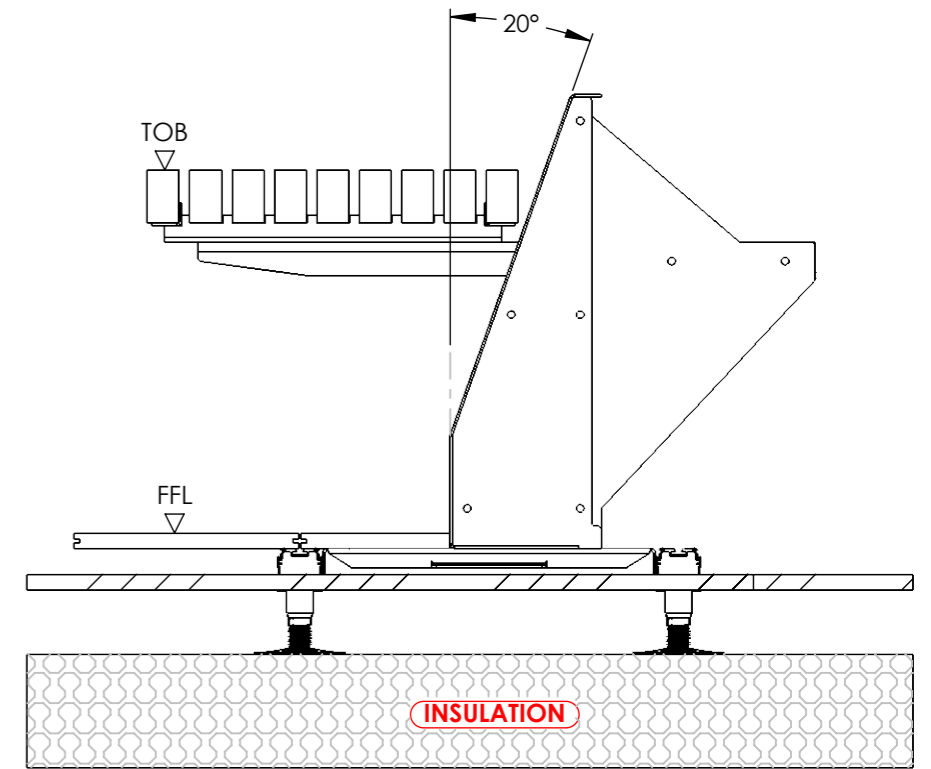
Planterline Prism Bench Details



**PLANTERLINE PRISM - CANTILEVER BENCH
SITUATED ON CONCRETE**




**PLANTERLINE PRISM - CANTILEVER BENCH
SITUATED ON FLOOR STRUCTURE
PANELS**



ALL DETAILS ON LONG SLAT
IDENTICAL TO SHORT SLAT
VARIATIONS DETAILED

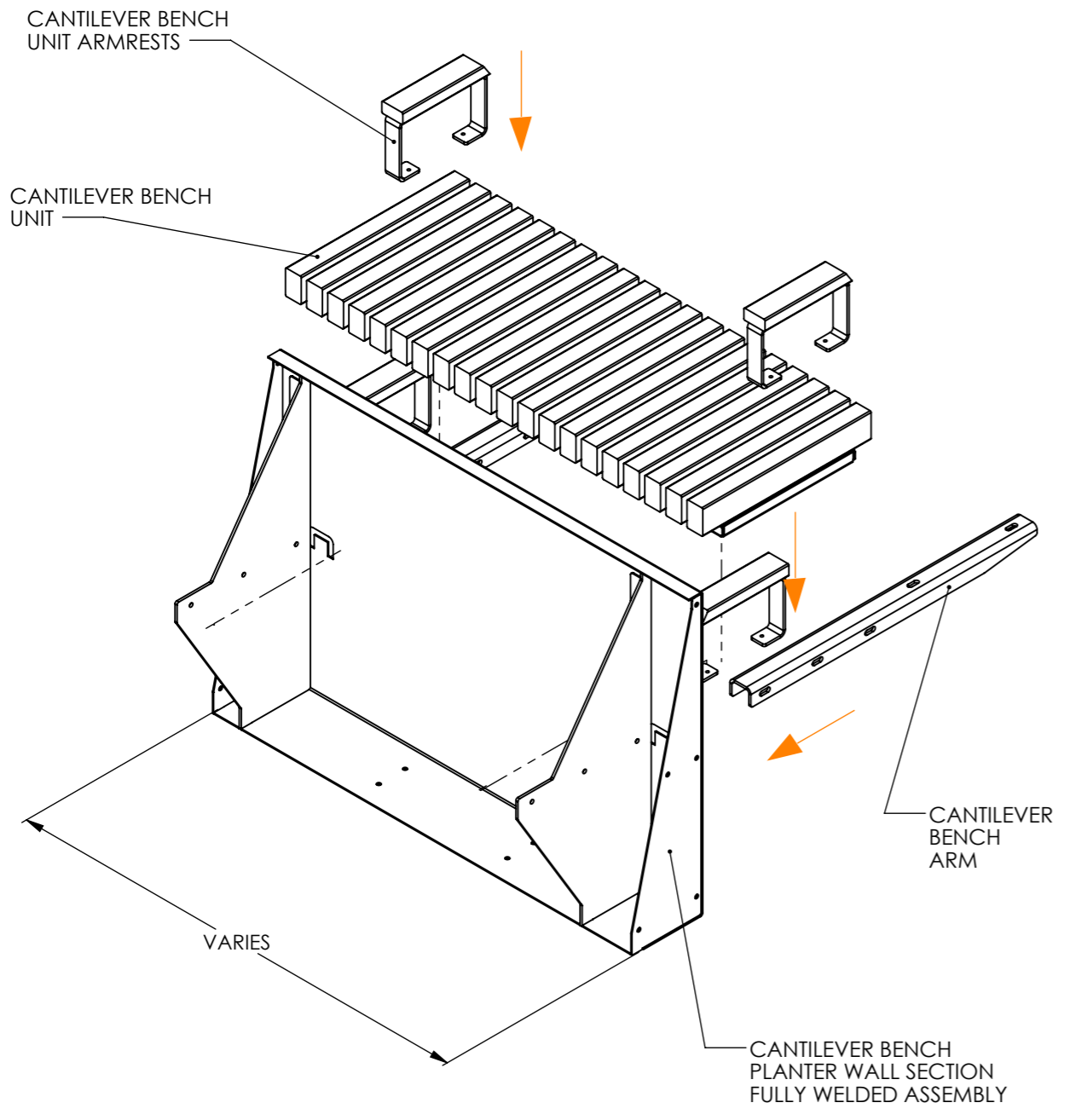
**PLANTERLINE PRISM - CANTILEVER BENCH
SITUATED ON FLOOR STRUCTURE
PANELS - LONG SLAT VARIATION**

DATE: 14/07/2023	PAGE NUMBER: 27	SHEET SIZE: A3
DRAWING TITLE: Planterline Prism Bench Details		
117-121 St. John Street Clerkenwell London EC1V 4JA Tel: +44 (0)20 3146 7879 Email: technical@raaft.co.uk		
		

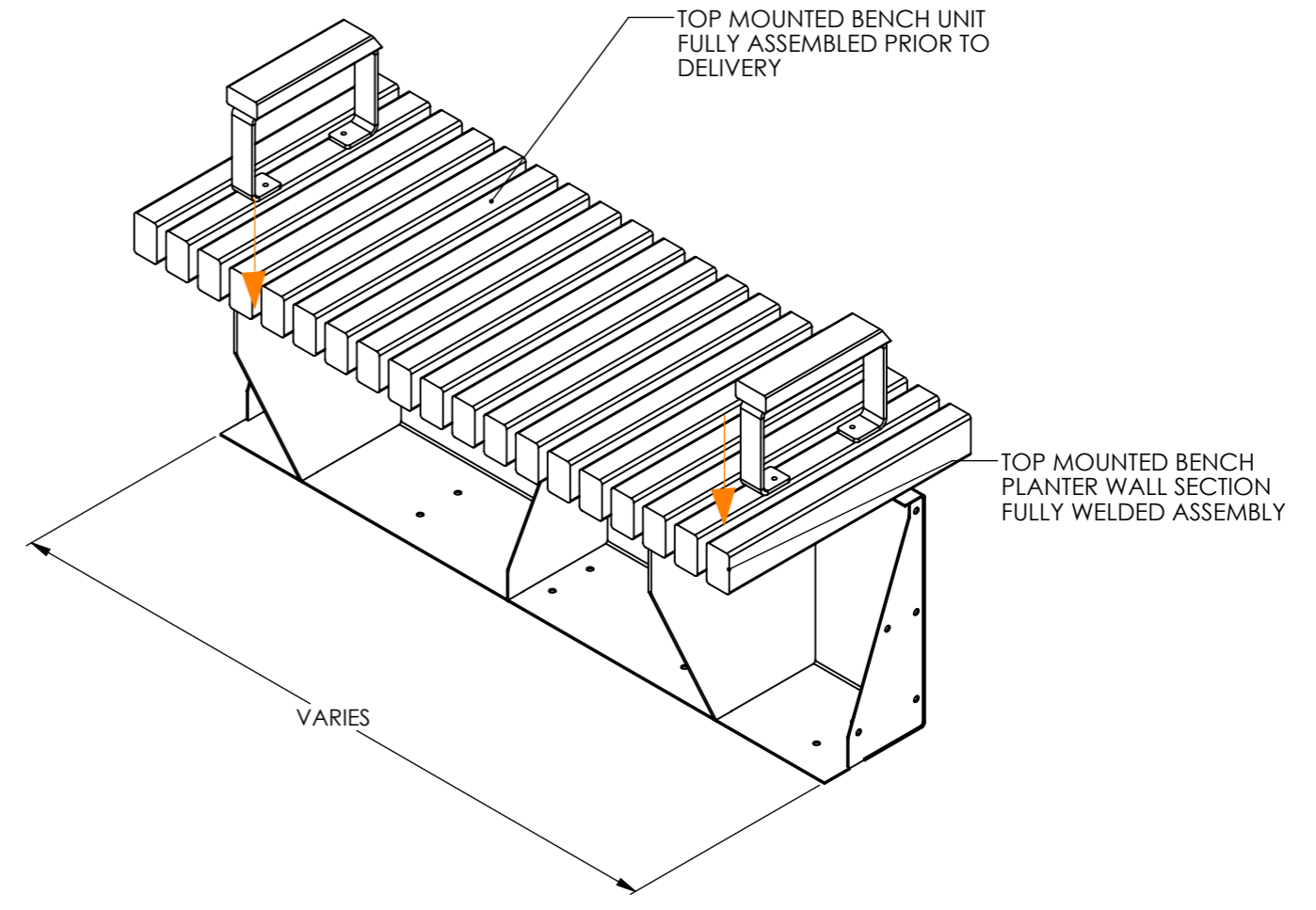
Straight Planterline Bench Designs



CANTILEVER BENCH UNIT



TOP MOUNTED BENCH UNIT

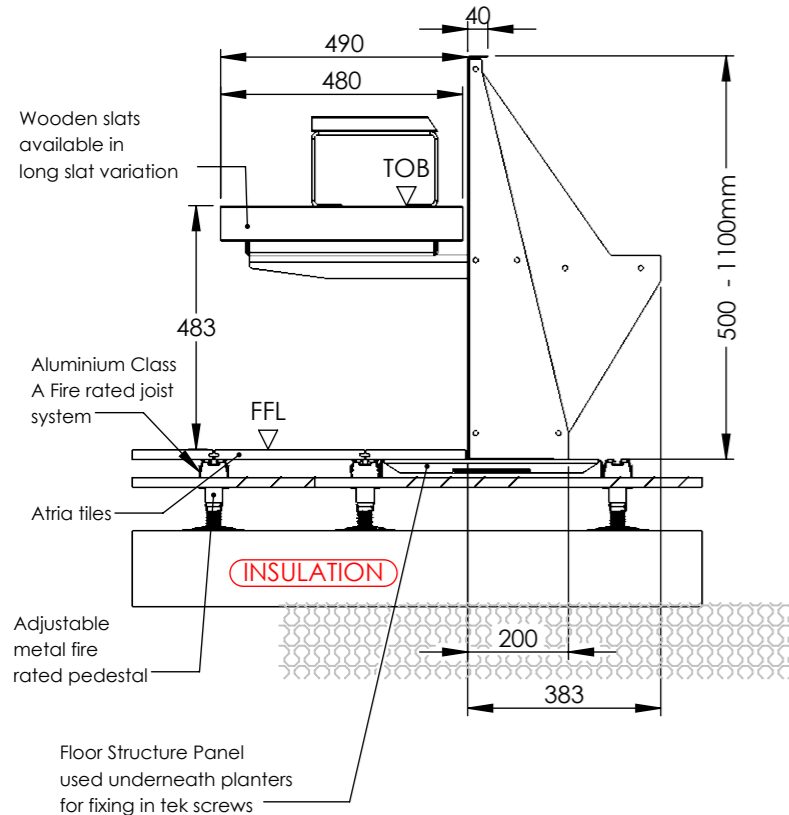


ALL FIXINGS SUPPLIED TO ALLOW FOR FIXING DOWN BY RAAFT (IF APPLICABLE) AND ALL FIXINGS TO FIX BENCHES TOGETHER ARE TO BE SUPPLIED BY RAAFT

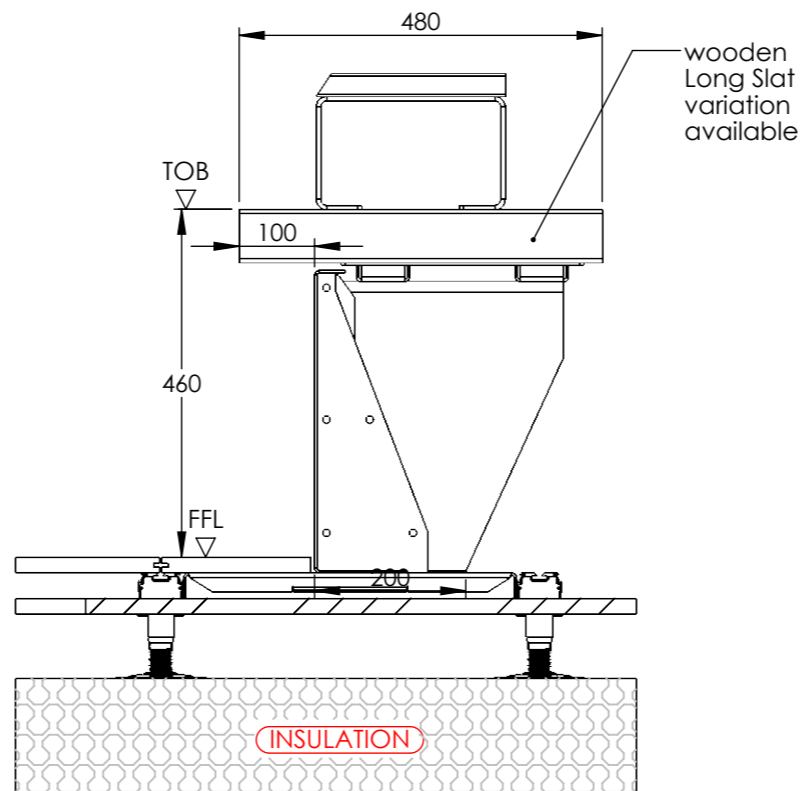
TOP MOUNTED BENCHES ARE RESTRICTED IN HEIGHT DUE TO BUILDING CONTROL .480 HEIGHT ABOVE FINISH FLOOR LEVEL (FFL) IS REQUIRED.

DATE: 17/07/2023	PAGE NUMBER: 28	SHEET SIZE: A3
DRAWING TITLE: Planterline Straight Bench Designs		
117-121 St. John Street Clerkenwell London EC1V 4JA Tel: +44 (0)20 3146 7879 Email: technical@raaft.co.uk		

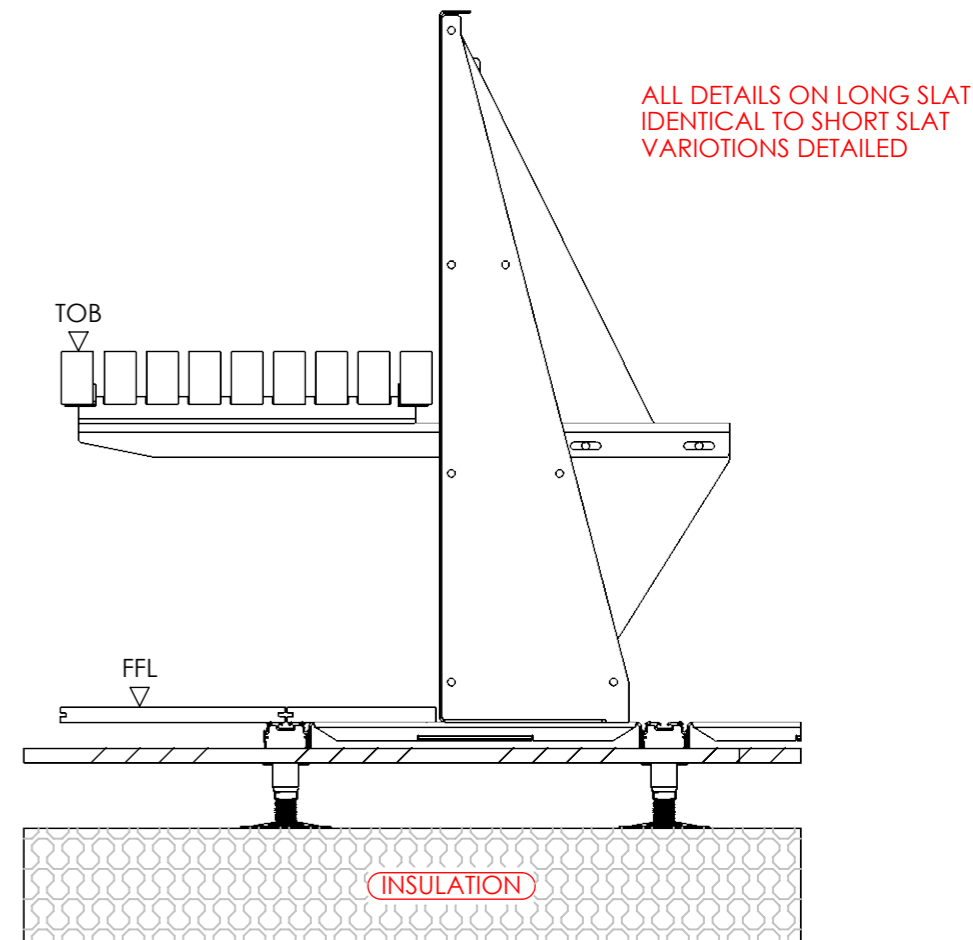
Straight Planterline Bench Details



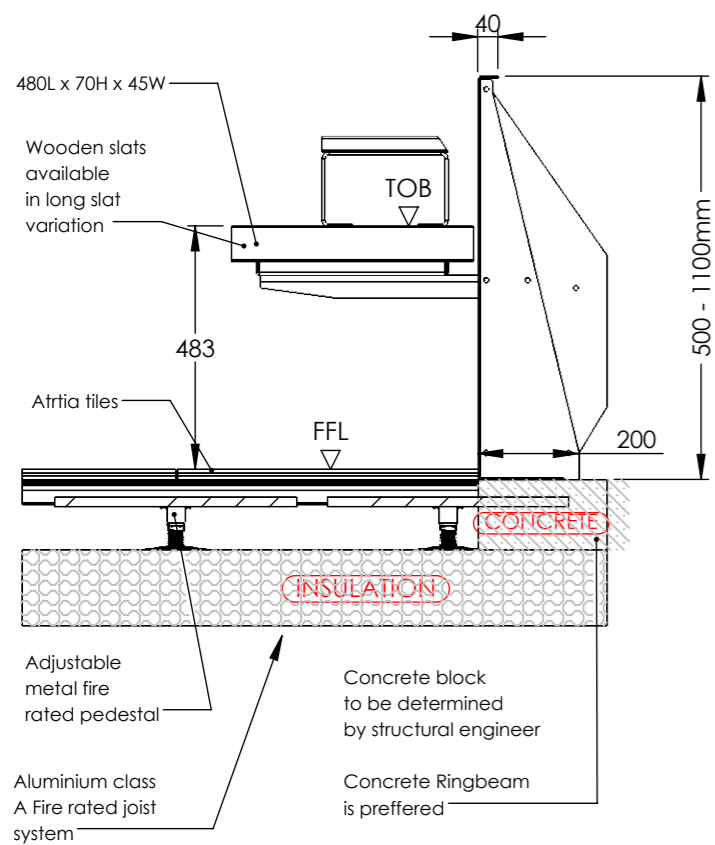
PLANTERLINE STRAIGHT - CANTILEVER BENCH SITUATED ON RAAFT FLOOR STRUCTURE PANELS



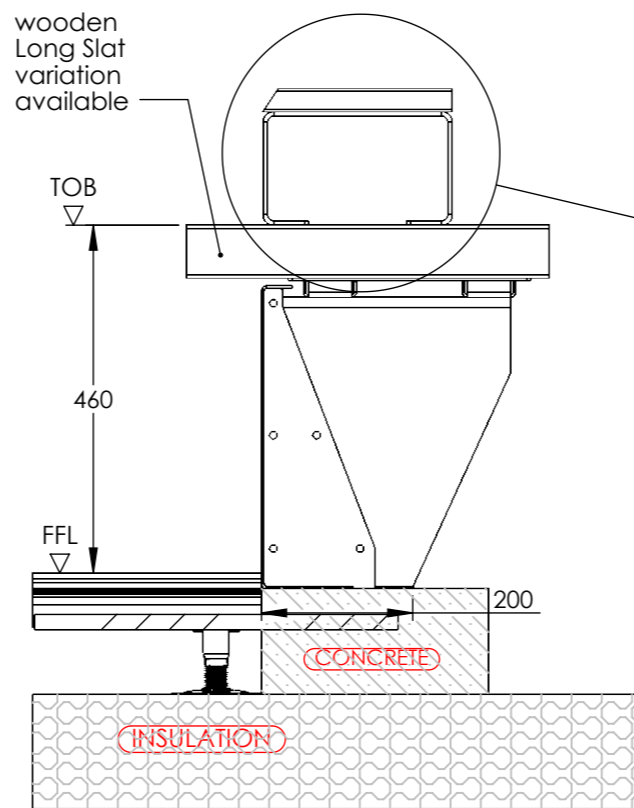
PLANTERLINE STRAIGHT - TOP MOUNT BENCH SITUATED ON FLOOR STRUCTURE PANELS



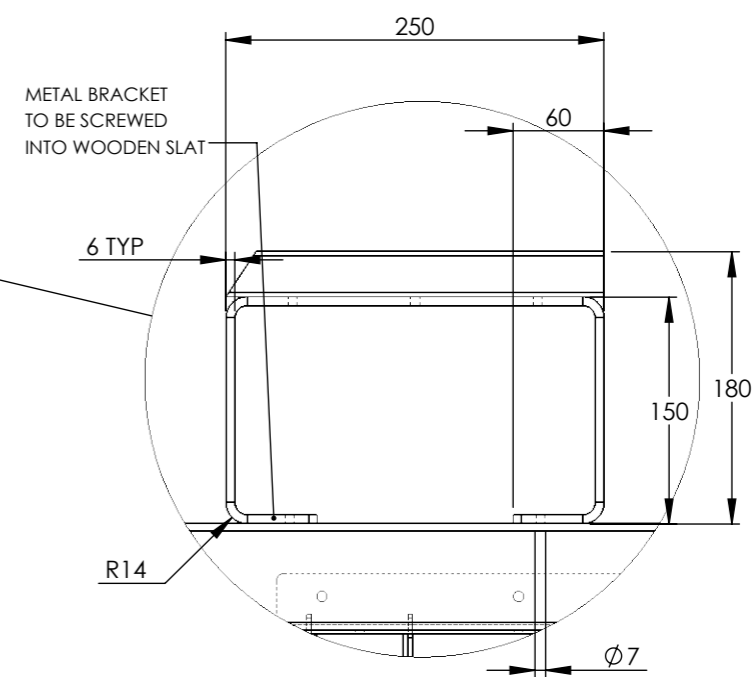
PLANTERLINE STRAIGHT - LONG SLAT CANTILEVER BENCH SITUATED ON RAAFT FLOOR STRUCTURE PANELS



PLANTERLINE STRAIGHT - CANTILEVER BENCH SITUATED ON CONCRETE



PLANTERLINE STRAIGHT - TOP MOUNT BENCH SITUATED ON CONCRETE



DETAIL F - ARMREST DETAILS

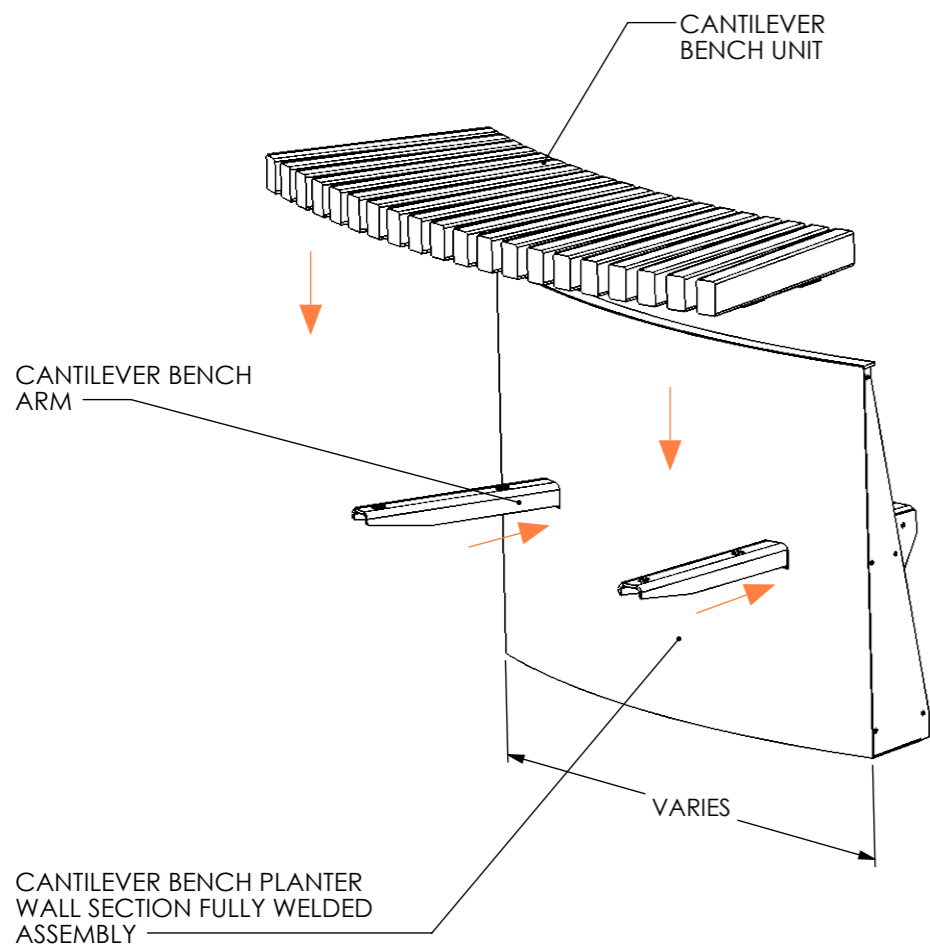
DATE: 17/07/2023	PAGE NUMBER: 29	SHEET SIZE: A3
DRAWING TITLE: Planterline Straight details		
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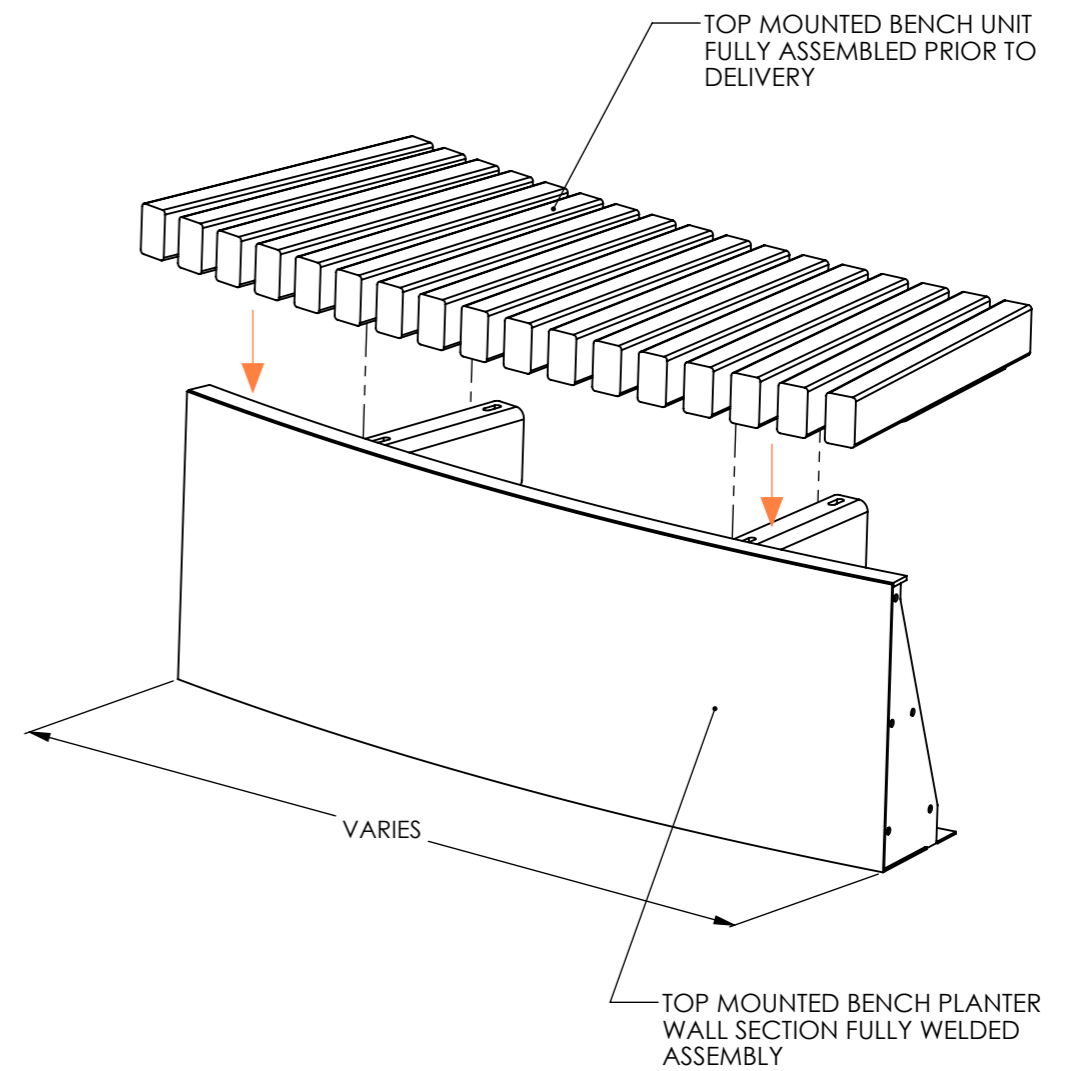
Curved Planterline Bench Designs



CANTILEVER BENCH UNIT



TOP MOUNTED BENCH UNIT



ALL FIXINGS SUPPLIED TO ALLOW FOR FIXING DOWN BY RAAFT (IF APPLICABLE) AND ALL FIXINGS TO FIX BENCHES TOGETHER ARE TO BE SUPPLIED BY RAAFT

TOP MOUNTED BENCHES ARE RESTRICTED IN HEIGHT DUE TO BUILDING CONTROL. 480 HEIGHT ABOVE FINISH FLOOR LEVEL (FFL) IS REQUIRED.

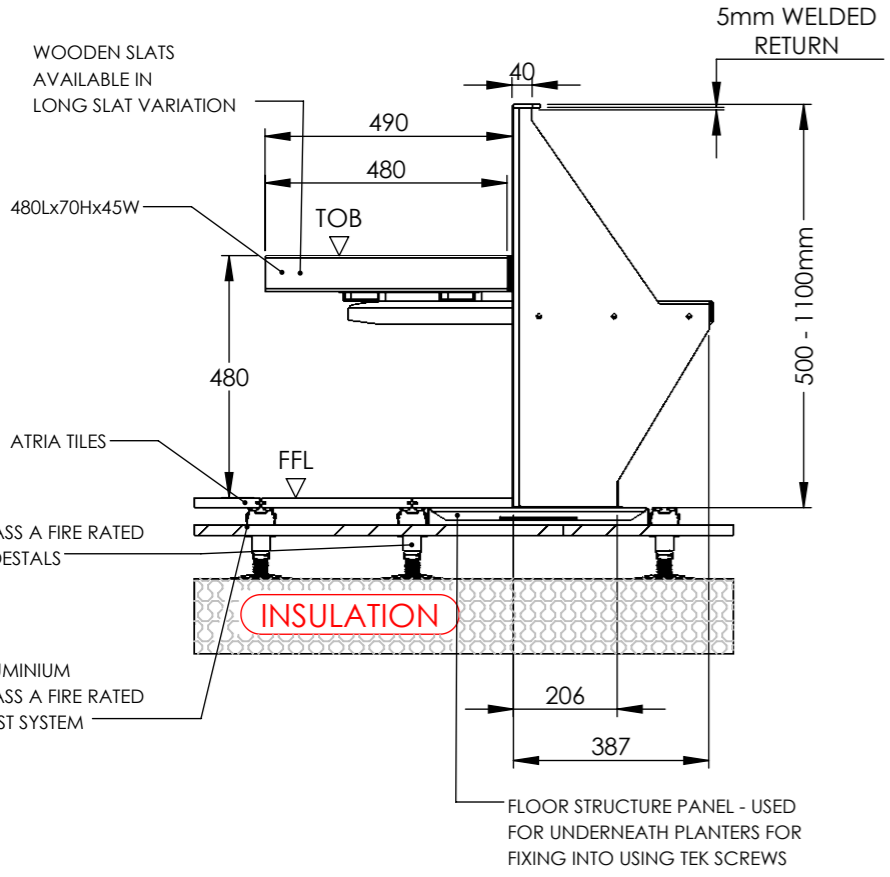
DATE: 17/07/2023	PAGE NUMBER: 30	SHEET SIZE: A3
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DRAWING TITLE:
Planterline Cruved Bench Designs

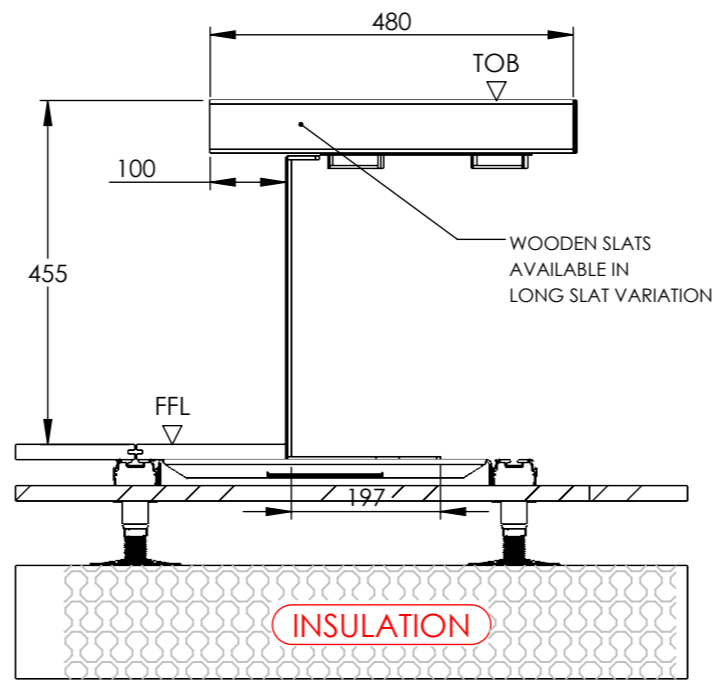
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Tel: +44 (0)20 3146 7879
Email: technical@raaft.co.uk



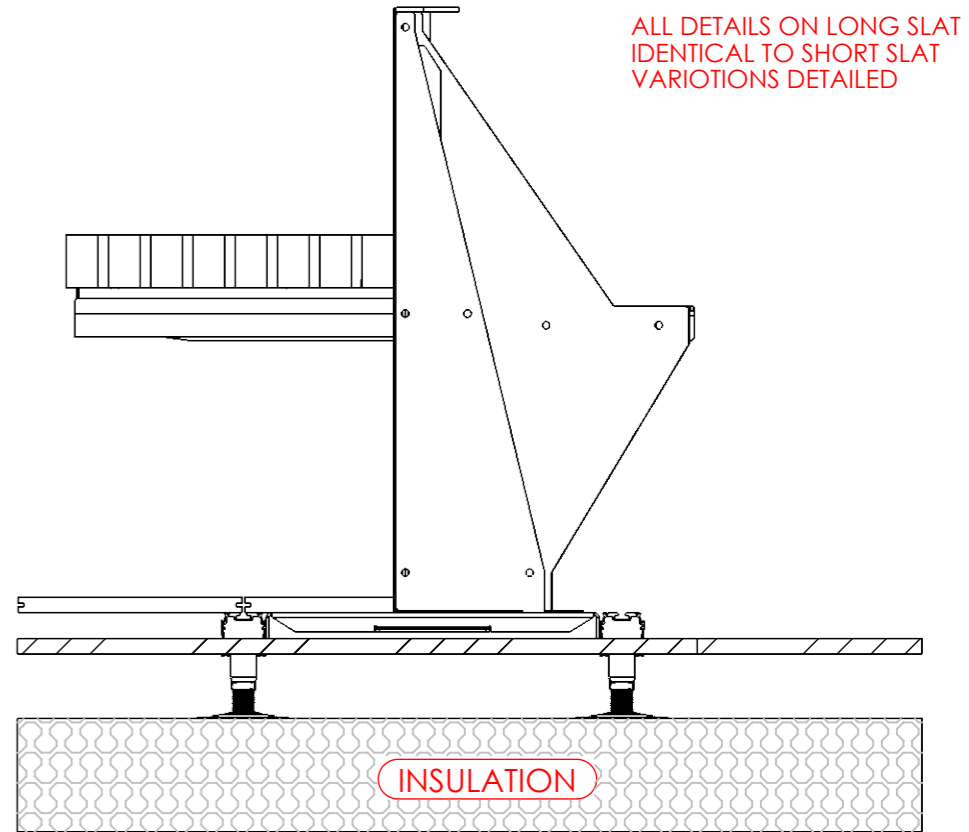
Planterline Curved Bench Details



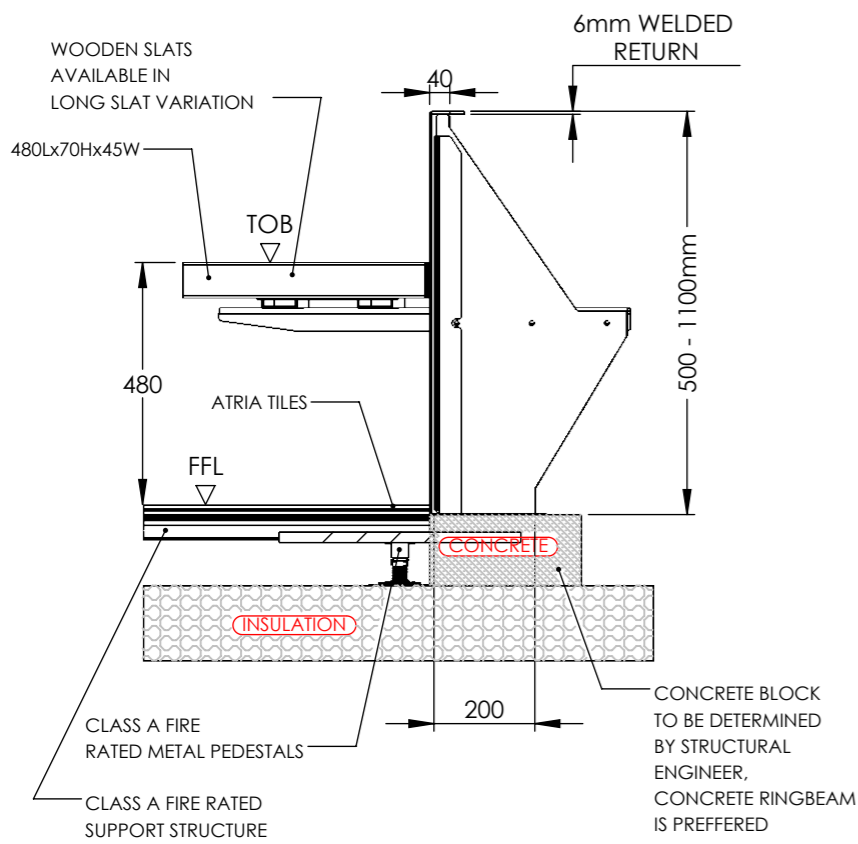
PLANTERLINE CURVE - CANTILEVER BENCH SITUATED ON FLOOR STRUCTURE PANELS



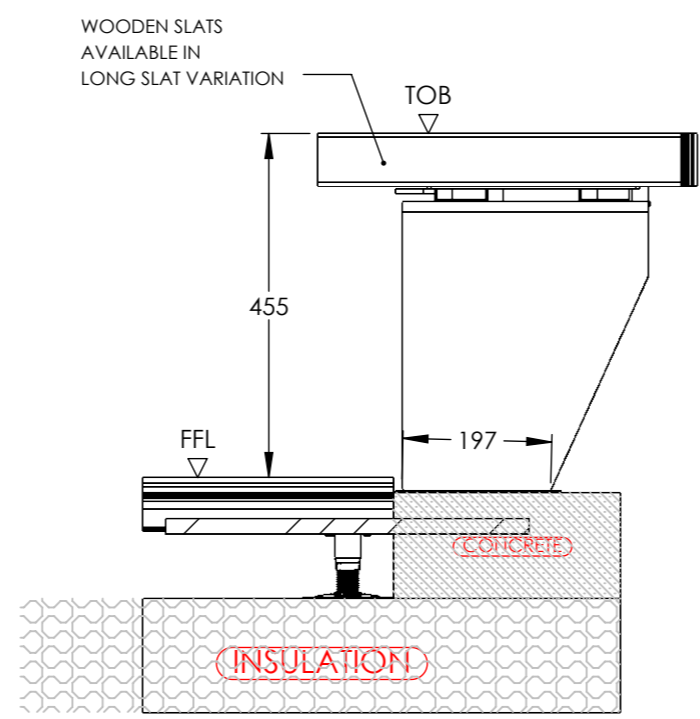
PLANTERLINE CURVE - TOP MOUNTED BENCH SITUATED ON FLOOR STRUCTURE PANELS



PLANTERLINE CURVE - CANTILEVERED LONG SLAT BENCH SITUATED ON FLOOR STRUCTURE PANELS



PLANTERLINE CURVE - CANTILEVER BENCH SITUATED ON CONCRETE

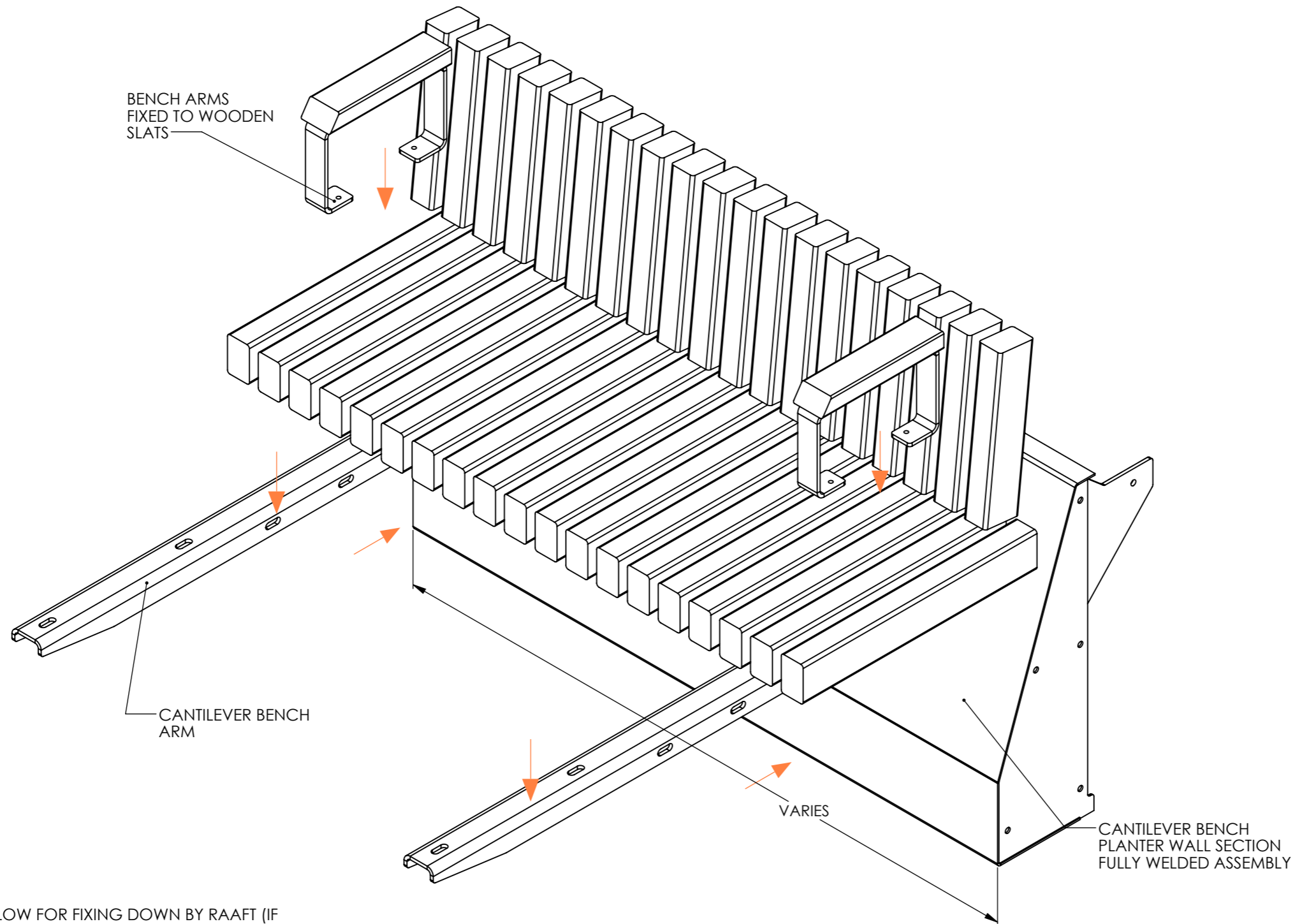


PLANTERLINE CURVE - TOP MOUNTED BENCH SITUATED ON CONCRETE


Planterline Prism Bench Designs



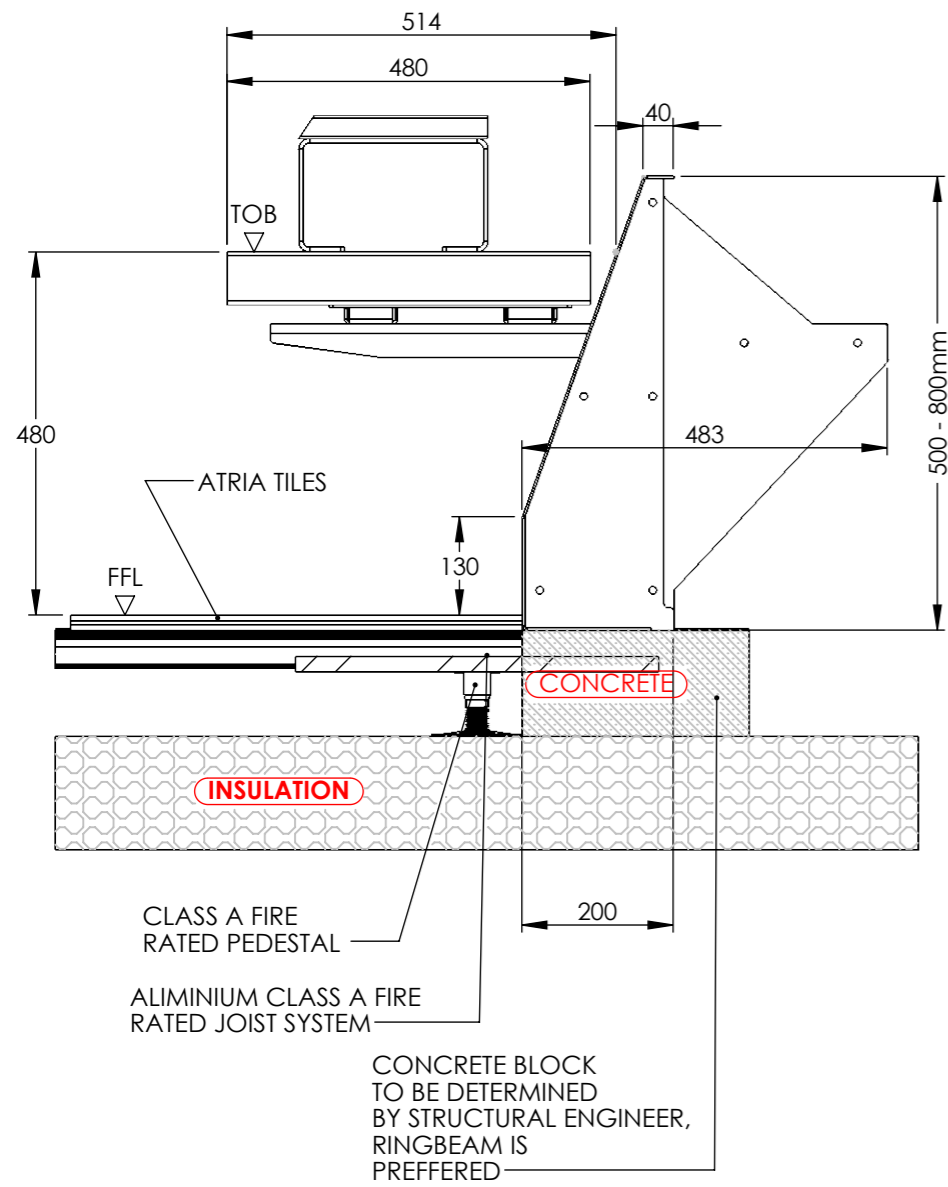
CANTILEVER BENCH UNIT



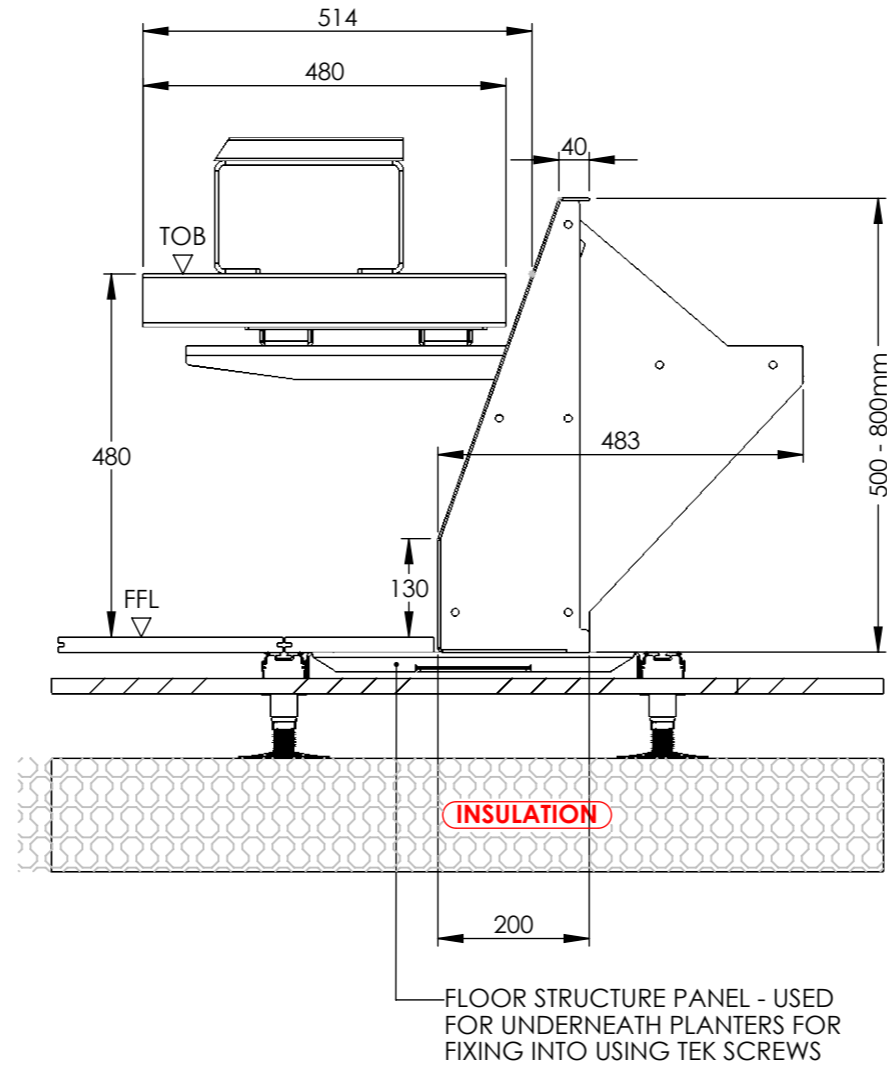
ALL FIXINGS SUPPLIED TO ALLOW FOR FIXING DOWN BY RAAFT (IF APPLICABLE) AND ALL FIXINGS TO FIX BENCHES TOGETHER ARE TO BE SUPPLIED BY RAAFT

DATE: 17/07/2023	PAGE NUMBER: 32	SHEET SIZE: A3
DRAWING TITLE: Planterline Prism Bench Designs		
117-121 St. John Street Clerkenwell London EC1V 4JA Tel: +44 (0)20 3146 7879 Email: technical@raaft.co.uk		

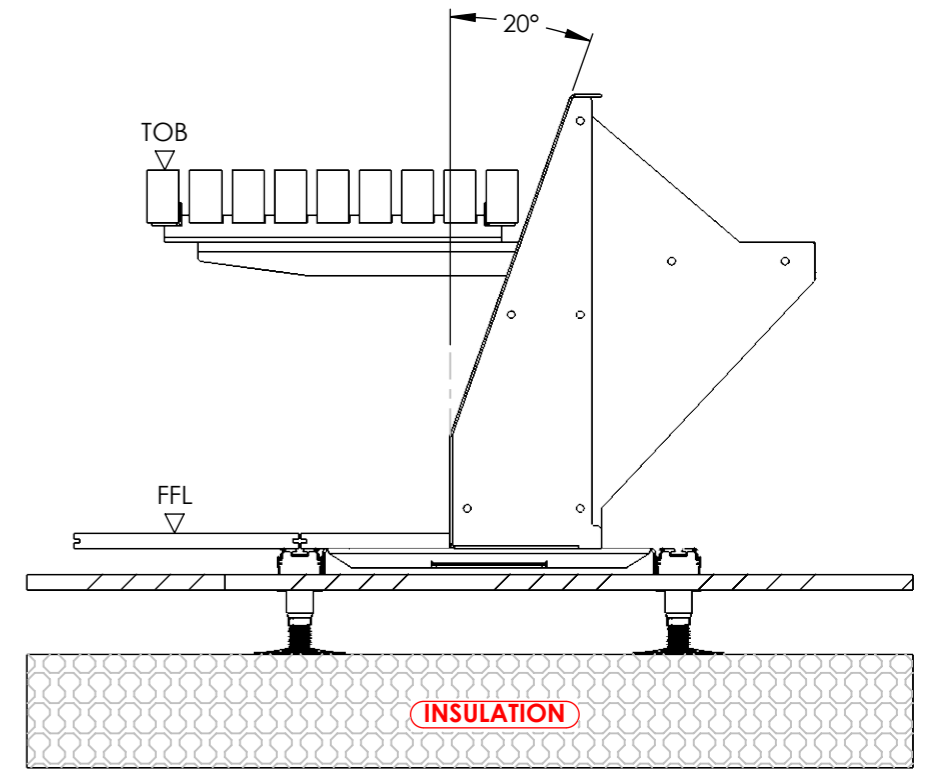
Planterline Prism Bench Details



**PLANTERLINE PRISM - CANTILEVER BENCH
SITUATED ON CONCRETE**




**PLANTERLINE PRISM - CANTILEVER BENCH
SITUATED ON FLOOR STRUCTURE
PANELS**



ALL DETAILS ON LONG SLAT
IDENTICAL TO SHORT SLAT
VARIATIONS DETAILED

**PLANTERLINE PRISM - CANTILEVER BENCH
SITUATED ON FLOOR STRUCTURE
PANELS - LONG SLAT VARIATION**

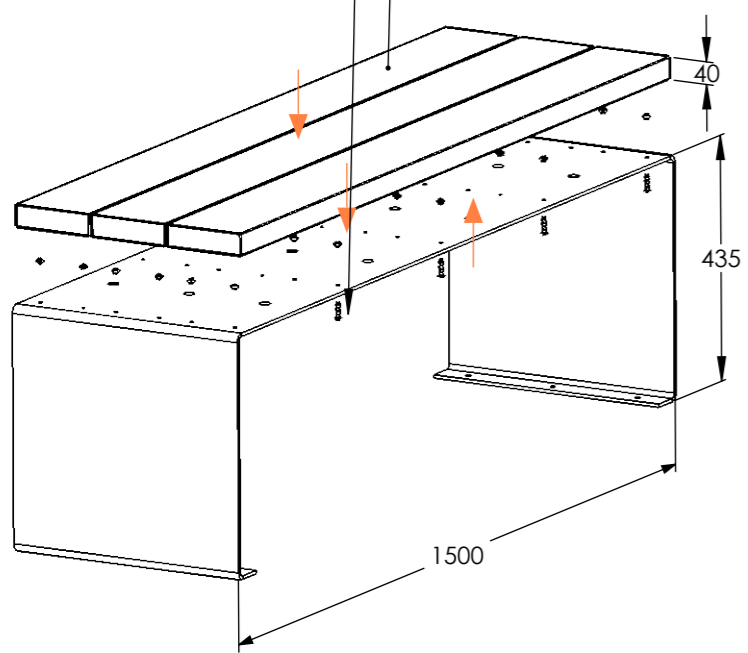
DATE: 14/07/2023	PAGE NUMBER: 33	SHEET SIZE: A3
DRAWING TITLE: Planterline Prism Bench Details		
117-121 St. John Street Clerkenwell London EC1V 4JA Tel: +44 (0)20 3146 7879 Email: technical@raaft.co.uk		
		

Ambit range Designs



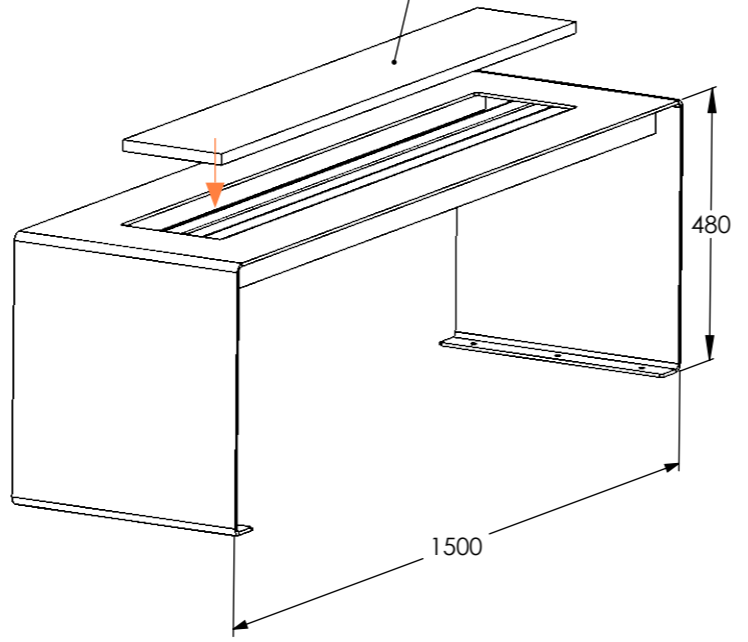
SCREWS TO GO THROUGH METAL HOLES AND INTO WOODEN SLATS

WOODEN SLATS TO SIT ATOP THE SURFACE



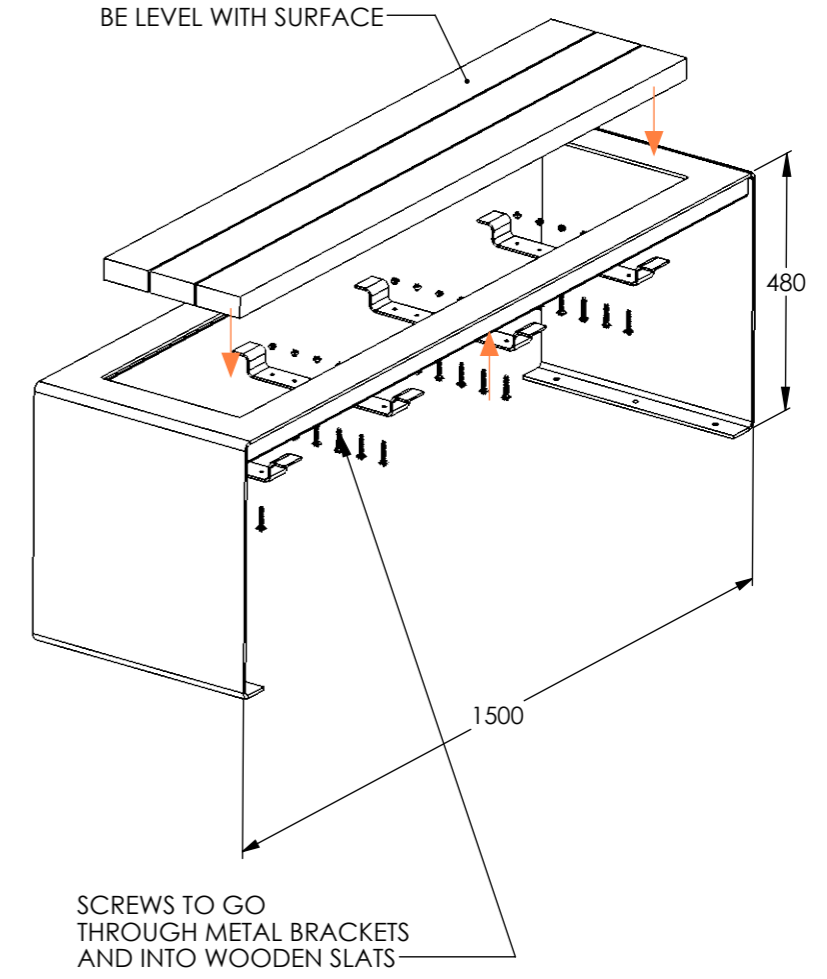
EMBOSS

PORCELAIN SLAB TO BE LEVEL WITH SURFACE, ADHESIVE USED ON STRUTS TO KEEP IT HELD SECURE



ORIEL

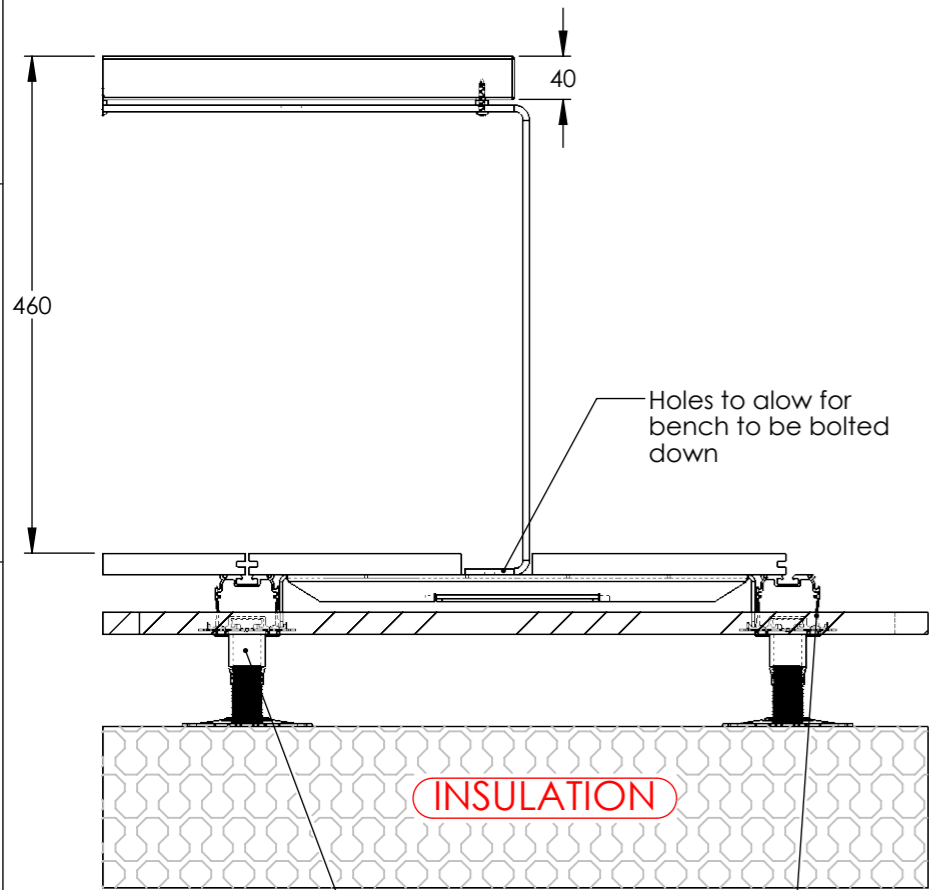
WOODEN SLATS TO BE LEVEL WITH SURFACE



SCREWS TO GO THROUGH METAL BRACKETS AND INTO WOODEN SLATS

RECESS

Ambit Range designs

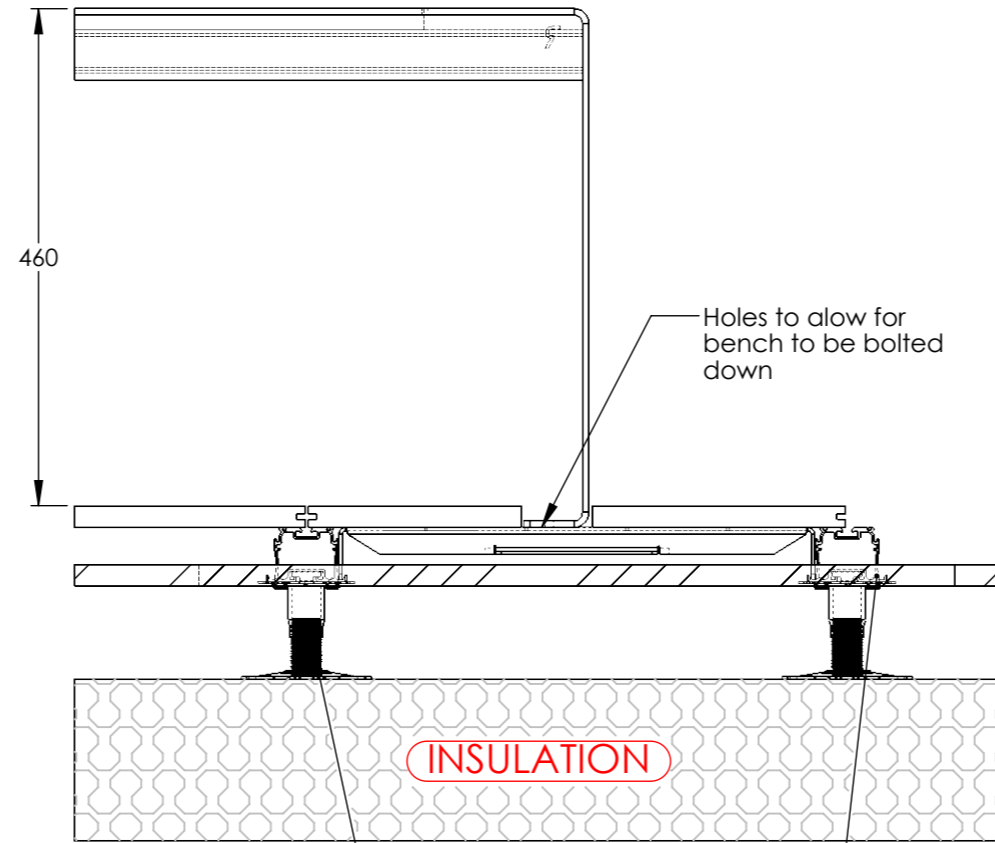


CLASS A FIRE RATED METAL PEDESTALS

INSULATION

ALUMINIUM CLASS A FIRE RATED SUPPORT STRUCTURE

AMBIT EMBOSSED ON FURNITURE TRAY PANELS

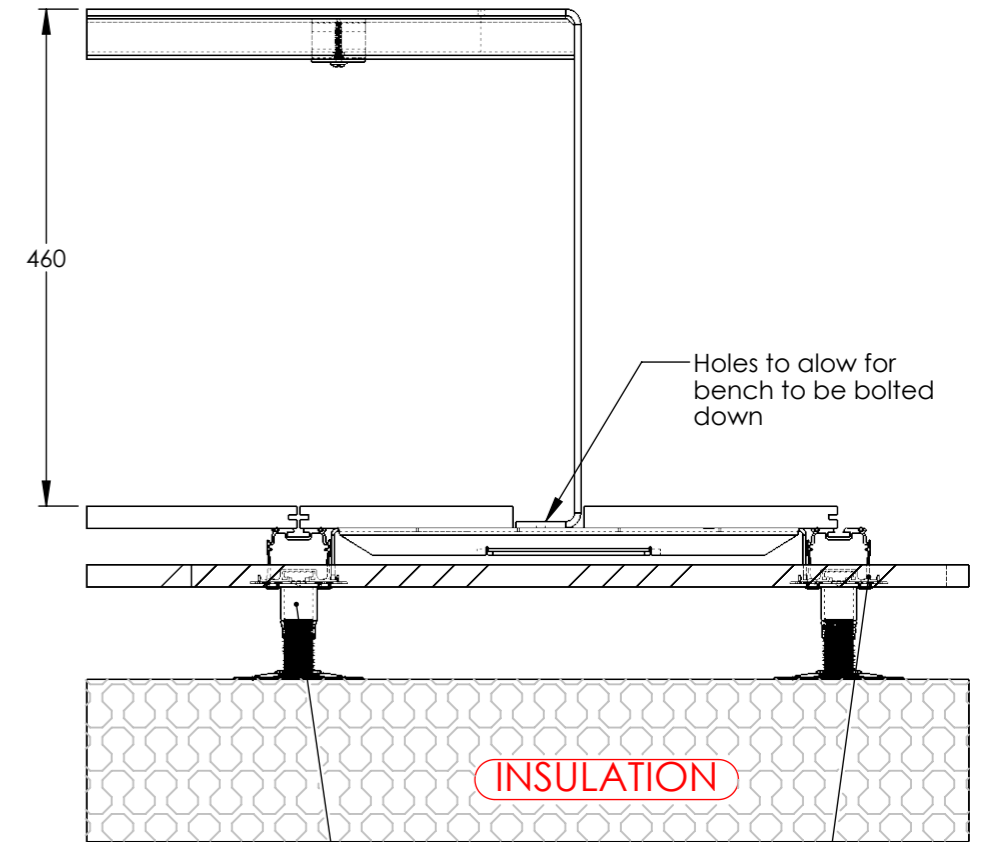


CLASS A FIRE RATED METAL PEDESTALS

INSULATION

ALUMINIUM CLASS A FIRE RATED SUPPORT STRUCTURE

AMBIT ORIEL ON FURNITURE TRAY PANELS



CLASS A FIRE RATED METAL PEDESTALS

INSULATION

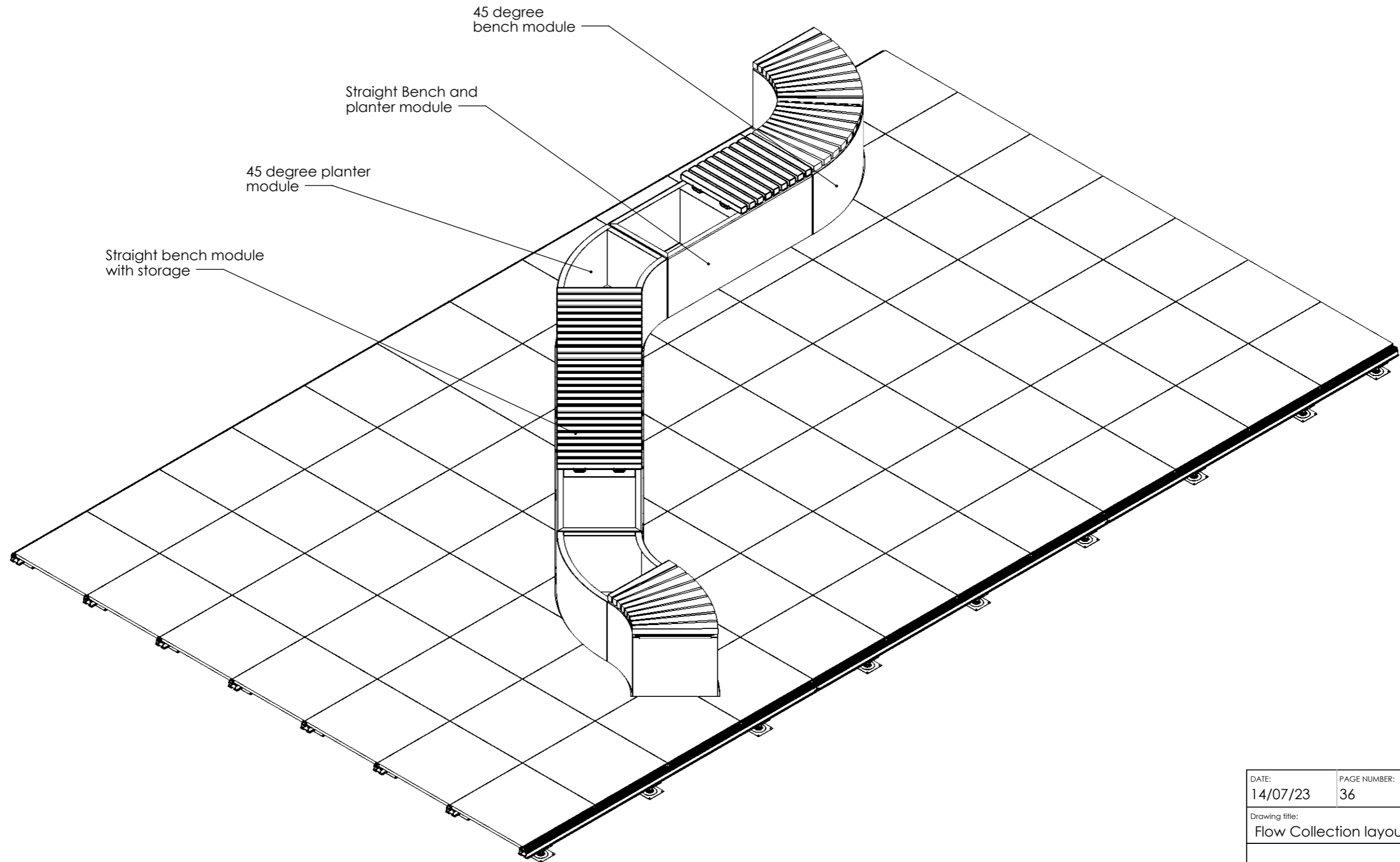
ALUMINIUM CLASS A FIRE RATED SUPPORT STRUCTURE


AMBIT RECESS ON FURNITURE TRAY PANELS

DATE: 14/07/2023	PAGE NUMBER: 35	SHEET SIZE: A3
DRAWING TITLE: Ambit Range Details		
117-121 St. John Street Clerkenwell London EC1V 4JA Tel: +44 (0)20 3146 7879 Email: technical@raaft.co.uk		

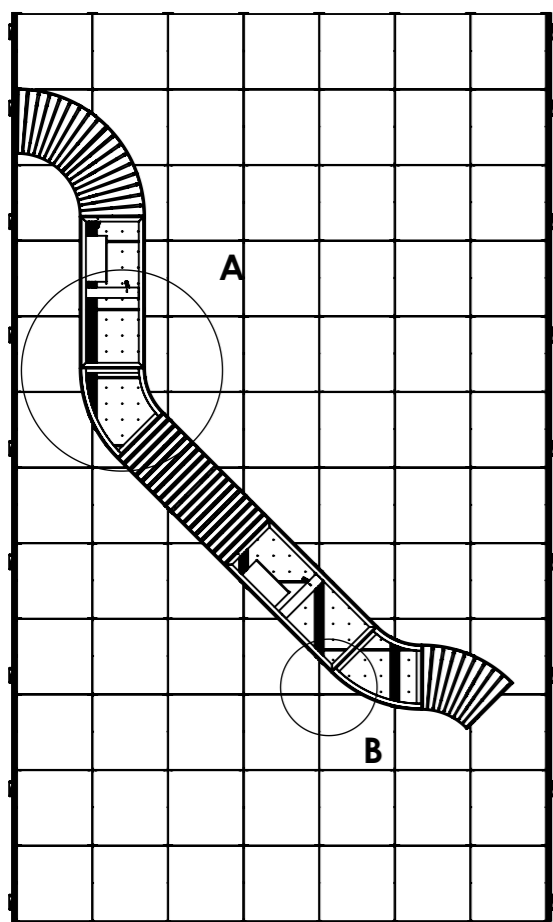


Example of Flow range on a Raaft terrace layout



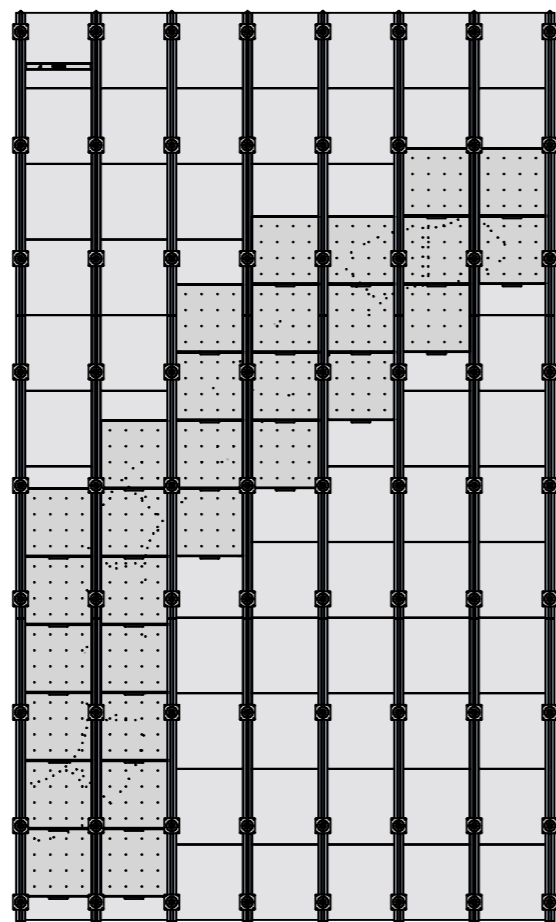
DATE: 14/07/23	PAGE NUMBER: 36	SHEET SIZE: A3
Drawing title: Flow Collection layout example		
117-121 St. John Street Clerkenwell London EC1V 4JA Tel: +44 (0)20 3146 7879 Email: technical@raaft.co		
		 A Kinley Group company Kinley

Flow Range Details



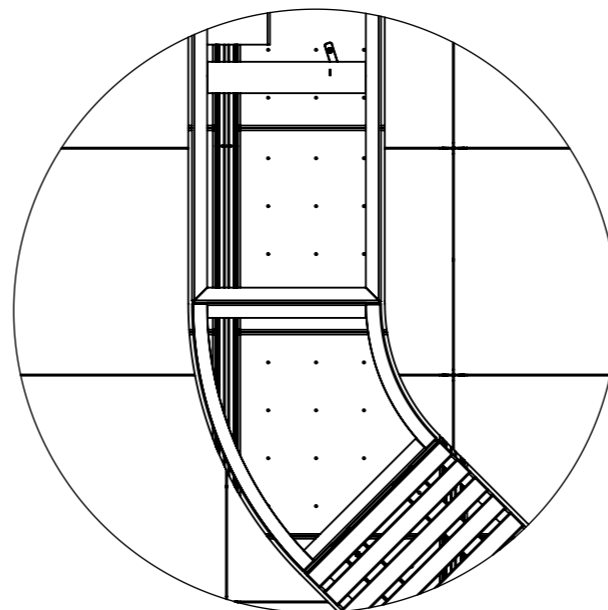
Top View

This shows a typical Flow Range layout from above - the assembly and direction of these modules can be changed at the design stage according to the customer.



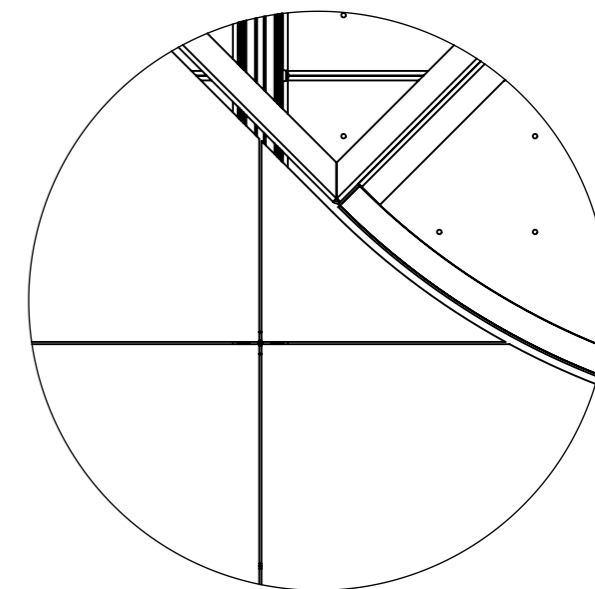
Underside view

This view highlights that the Furniture Structure Panels only need to be required for the area that the flow range rests upon.




DETAIL A
SCALE 1 : 20

Detail A shows the Flow Range planters are directly placed on top of the furniture structure panels. This is due to them being perforated and so allowing for water drainage.



DETAIL B
SCALE 1 : 10

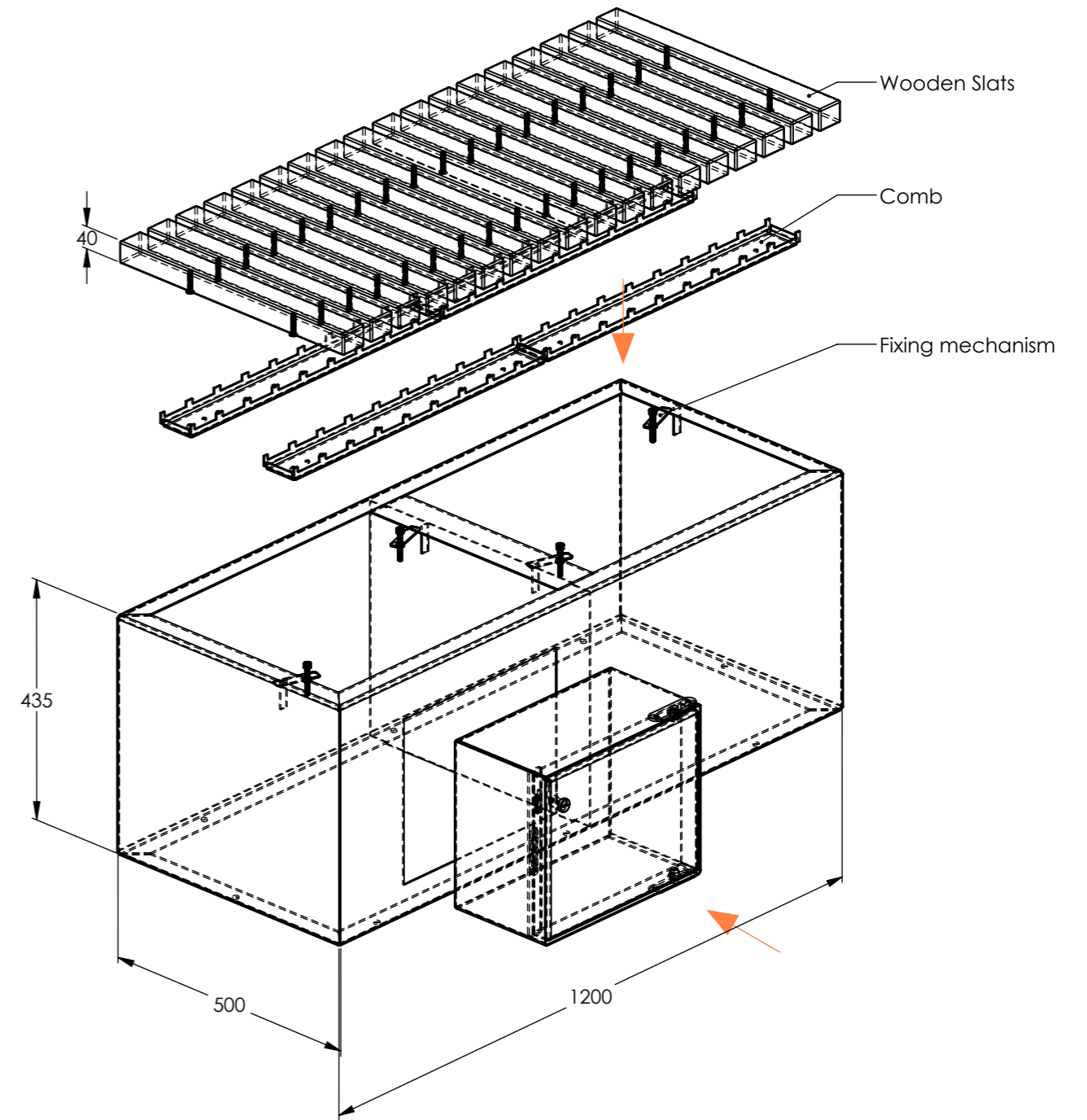
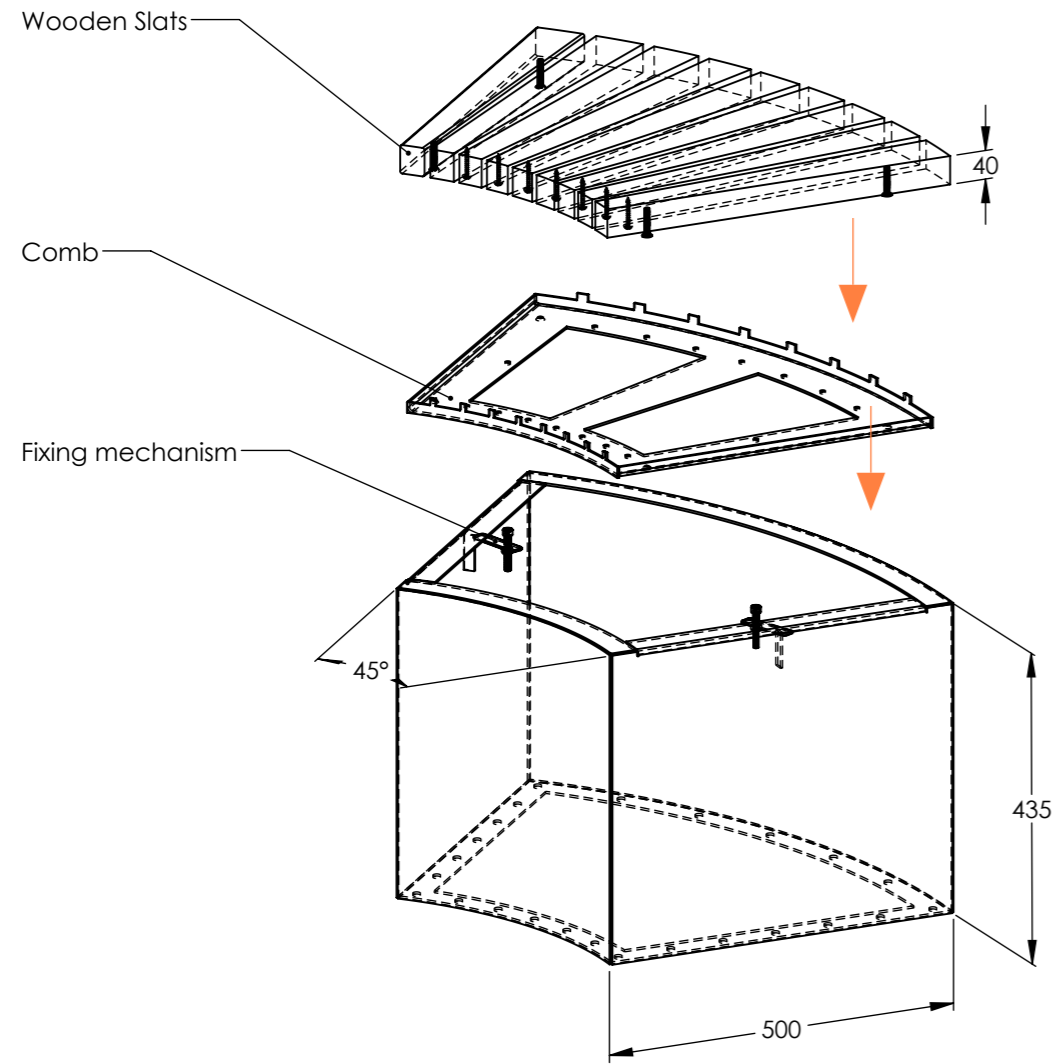
Detail B highlights that the tiles will be cut around the edge of the curves. This will be done on site, and will need consideration at the initial design stage.

DATE: 14/07/23	PAGE NUMBER: 37	SHEET SIZE A3
Drawing Title: Flow Range details		
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Flow Collection Details II

45 Degree bench example

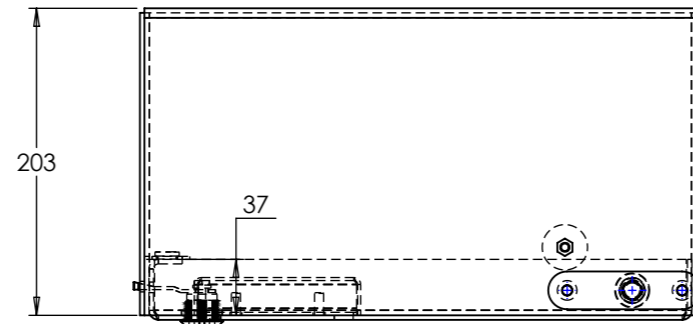
Straight bench example



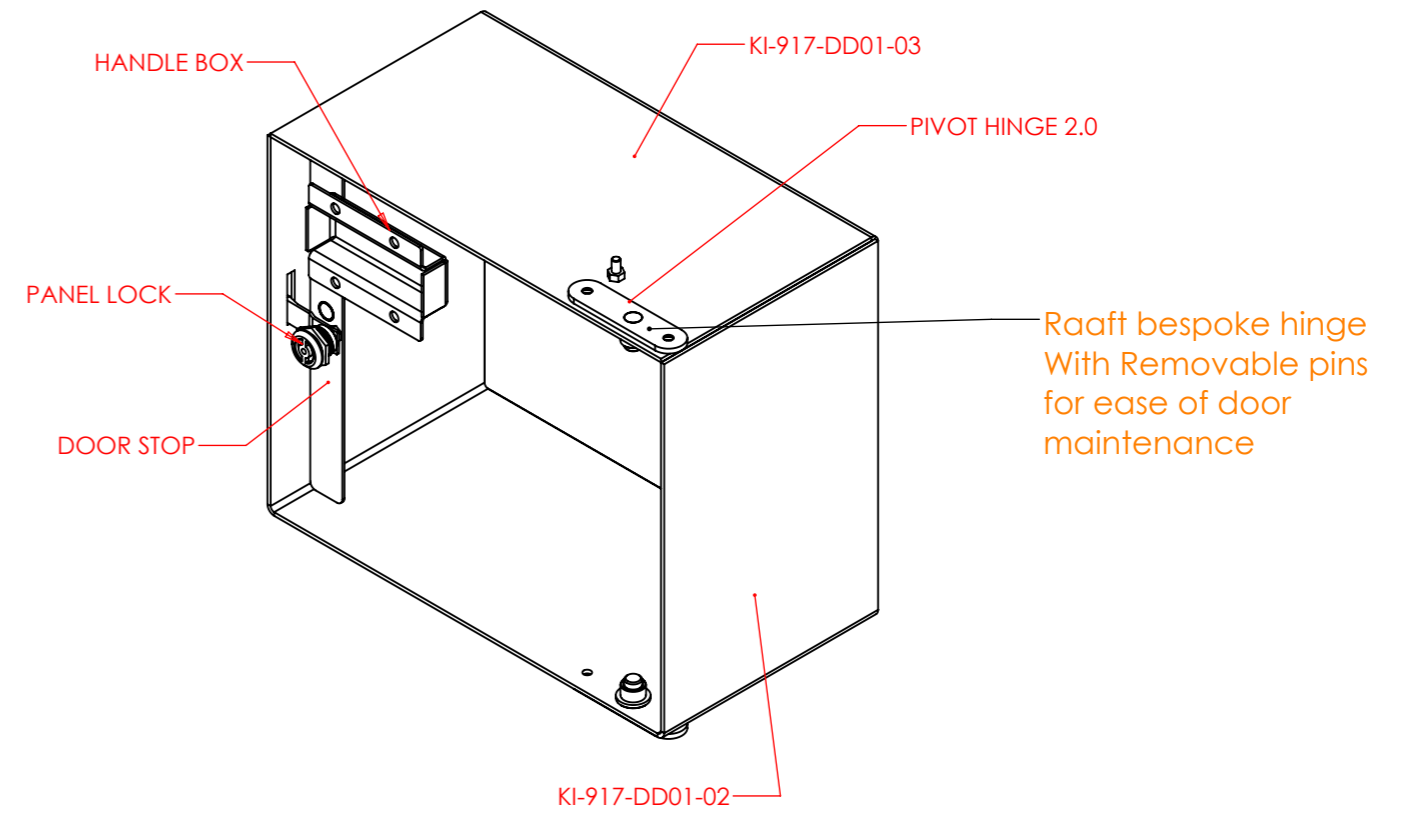
NB: The design for the Planter Versions are the same as on this page. Simply exclude the wooden slats, combs and fixing mechanisms

DATE: 14/07/23	PAGE NUMBER: 38	SHEET SIZE A3
Drawing Title Flow Collection Details II		
117-121 St. John Street Clerkenwell London EC1V 4JA Tel: +44 (0)20 3146 7879 Email: technical@raaft.co		
		 A Kinley Group company Kinley

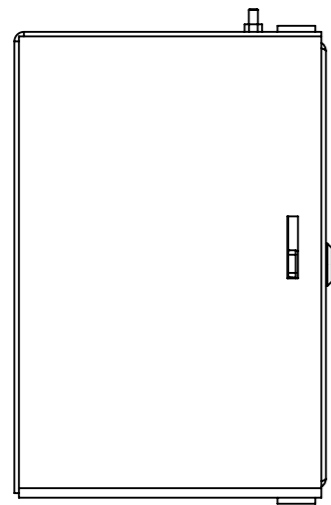
Storage Unit Details



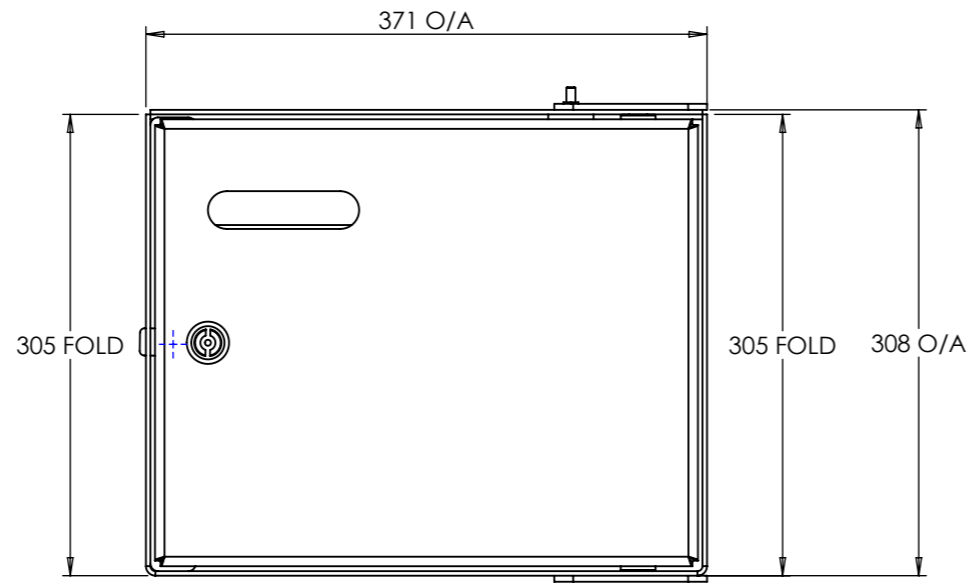
PLAN




3D VIEW



L/H ELEVATION
SCALE 1 : 5



FRONT ELEVATION

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Drawing Title: Storage Unit detail		
117-121 St. John Street Clerkenwell London EC1V 4JA Tel: +44 (0)20 3146 7879 Email: technical@raaft.co		 <p>A Kinley Group company Kinley</p>